T: +6012 502 3566

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Actomate

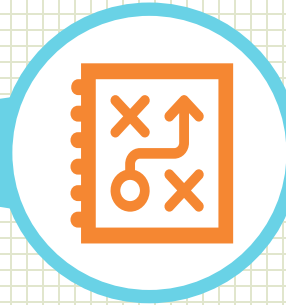# Actuarial Resourcing Solutions

Actuarial Resourcing Solutions

The Idea

You require additional actuarial resources to perform key tasks to support your company's objective.

Actomate is a leading actuarial firm in Asia. We have a large team of expertise with relevant experience to support you both on a short term & long term partnership basis.

Our team members has **expertise** in Pricing, Valuation, Modelling, Risk Management and IFRS 17. They are **proficient** in Prophet Modelling, DCS, R Shiny, R programming, Python, SQL, Excel / VBA & Robotic Process Automation.

Our Solution

Basic Resourcing: Our analysts shall **perform all tasks assigned by you**, following your **internal policies** and **standards of operating procedures.**

Guided Resourcing: Our analysts shall perform all tasks assigned by you, **guided by our team of actuaries** following your internal policies and standards of operating procedures as well as **utilising our processes, templates & software.**

- ✓ Mobilise resources in short notice
- ✓ Overcome headcount constraints
- ✓ Meet key timelines & deliverables
- ✓ Minimise disruption from staff turnover & absence

Why Choose Us?

Experience
We have experience in managing multiple resourcing projects around the world. We understand your needs.

Cost Effectiveness
Our solution is structured in a cost-effective manner.

Top Actuarial Firm
In 2019 we were awarded Top Actuarial Firm in Asia.

Quality Assurance
We obtained the Quality Assurance Scheme (QAS) accreditation from the Institute and Faculty of Actuaries (IFoA) UK, a testimony to the high quality of our work.

Next Step

Discussion with our team to **fully understand how our solution can benefit you**.

This resourcing contract can be tailored according to your company's specific needs.

For any enquiries, contact:
Lim Shu Yi
Partner
+6014-627-9945
shuyi.lim@actomate.ai
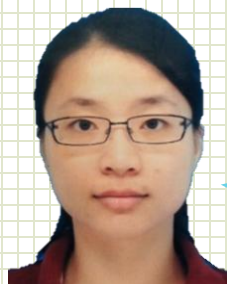
Woon Kun Khim
FIA C. Act
Actuary

> Interest + Action + Determination = Success!

Kun Khim oversees all the actuarial works in Actomate. He has over 10 years of experience in actuarial work covering life insurance, general insurance, family takaful, general takaful, captive insurance and reinsurance. Kun Khim is currently serving as the appointed actuary or external actuary in these verticals.

His area of expertise includes **actuarial valuation**, **actuarial modelling**, financial reporting, **product pricing**, business planning, strategic planning, shareholder reporting and **risk management**. He has led several **IFRS 17** implementation projects for life insurance, general insurance and family takaful companies. Kun Khim is proficient in **Prophet, Excel and Visual Basic for Applications (VBA).** Kun Khim has worked with clients in Malaysia, Singapore, Cambodia, Myanmar, Mauritius and Laos.

In his previous role, he was the assistant lead for the IFRS 17 implementation project for a large multinational insurance company. He was involved in leading the work from establishing going-in positions for both conventional life insurance and family takaful businesses, coordinating the position with regional and corporate offices as well as leading the relevant technical discussions and assessments with the project team. He also led the actuarial modelling function, covering the consolidation of new product model, ad-hoc enhancements and independent model review with regional review team.

Kun Khim is a Fellow of the Institute and Faculty of Actuaries (UK). He graduated from the Australian National University with a BSc Actuarial Studies.
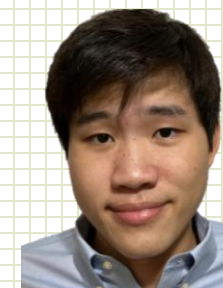
Teoh Wei Wei
FSA
Actuary

> I create sustainable value to your business.

Wei Wei is an actuary with over 20 years of experience in actuarial work. She oversees the office and clients in Penang. Wei Wei has experience working across many countries such as Malaysia, Thailand, Australia, India, Singapore, Taiwan and South Korea. She has experience across life insurance, family takaful, general insurance and group insurance business.

Wei Wei has extensive experience in actuarial works including financial reporting, regulatory reporting, business projection, planning & forecasting, **value reporting**, **IFRS 17**, **traditional embedded value**, market consistent embedded value (**MCEV**), value of new business (**VNB**) and market consistent value of new business (**MCVNB**), Solvency II, **US GAAP** reporting, PGAAP reporting, actuarial pricing, actuarial process review, reinsurance management and Prophet modelling & enhancements. Wei Wei also has experience leading and reviewing employee benefit valuations including gratuity, post-retirement medical benefits, pensions and other employee benefits.

Wei Wei is an expert Prophet user with experience in managing and setting controls and checks in **Prophet** and **Data Conversion System (DCS).** She is also proficient in **Excel** and Visual Basic for Applications (**VBA**). Wei Wei is well known for her Prophet expertise in Asia.

Wei Wei is a Fellow of the Society of Actuaries (US). Wei Wei graduated from Universiti Kebangsaan Malaysia with a BSc in Actuarial Science.

Goh Yue Shen
FIA C. Act
Actuary

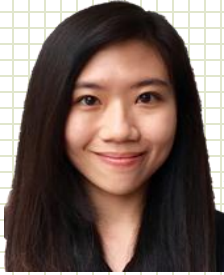> My work helps our client meet their objectives.

Yue Shen is an Actuary at Actomate. He has over 6 years of experience in actuarial work. Yue Shen has worked with different clients with different needs and expectations. All these different experience has made him a fast learner, and also flexible to adapt to the current situation.

Yue Shen is well versed with **statutory reporting**, **embedded value**, **IFRS 17** and **actuarial valuation**, leading various projects for general insurance, life insurance, family takaful, reinsurance and captive insurance clients. Over the past few years, he has been involved in numerous IFRS 17 projects covering transition impact to working with CSM engine.

Yue Shen also has experience in **process automation**, **actuarial modelling, financial reporting**, **business projection** and **pricing**. This experience comes from his years of working and understanding with different clients with different needs. He has delivered meaningful work in each of the project he has participated in. The clients he has worked with come from **Malaysia, Brunei, Singapore, Indonesia, Cambodia and Fiji.** He is familiar with the local regulations and business environment.

Yue Shen is proficient in **Prophet**, **Data Conversion System (DCS), Excel, Visual Basic for Applications (VBA)** and **Moody's Risk Integrity**.

Yue Shen graduated from Heriot-Watt University Malaysia with a BSc in Actuarial Science. He is a Fellow of the Institute and Faculty of Actuaries (UK).
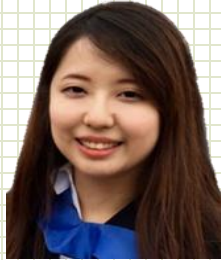
Kok Ming Wei
FIA C. Act
Actuary

> I apply actuarial knowledge to advance and develop innovative solutions for the future.

Ming Wei is an Actuary at Actomate. She has over 5 years of experience in a variety of actuarial functions, including **actuarial reserving, financial reporting, capital modelling, pricing reviews, risk assessments and financial projections** in reinsurance, general insurance, life insurance, captive insurance, and takaful fields. Ming Wei has a deep understanding of local regulatory requirements, having led numerous actuarial valuation projects for insurance companies in **Malaysia, Singapore, Hong Kong and Myanmar.**

Ming Wei has extensive experience in general insurance risk assessments, pricing reviews, and capital management, including portfolio analysis, market research, competitive pricing strategies, stress testing and **Internal Target Capital Level (ITCL)** assessments. Her experience has been further enriched by **secondment** with several insurance and takaful companies, where she worked directly within the client teams to meet client-specific needs. Her expertise extends to **IFRS 17 implementation** for insurance and takaful companies, where she has handled impact assessments, transition planning, financial projections, and provided client training. Additionally, Ming Wei is involved in IFRS 17 software development and is proficient in **Excel**, **Visual Basic for Applications (VBA)**, **R**, **Prophet**, **Data Conversion System (DCS)**, and **Statistical Analysis System (SAS)**.

Ming Wei graduated from Heriot-Watt University Malaysia with a BSc (Hons) in Actuarial Science. Ming Wei has attained **Fellowship** from the **Institute and Faculty of Actuaries (UK)**. Beyond her actuarial expertise, Ming Wei has also contributed to strategic initiatives at Actomate, particularly in funding activities and investor relations. As a **Key Client Lead**, Ming Wei has played a central role in managing relationships with key clients and ensuring the timely delivery of high-quality project outcomes. With her broad skill set, strong leadership abilities, and client-focused approach, Ming Wei consistently delivers significant value to clients and ensures that actuarial challenges are met with innovative solutions.

Debbie Ooi
AIA C. Act
Analytics Lead

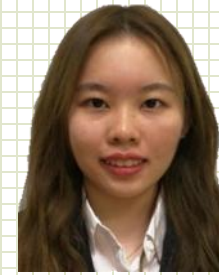> My efficiency & attentiveness make clients more successful!

Debbie joined Actomate in 2018. She is the Analytics Lead. She has over 5 years of experience in the actuarial industry. Debbie has extensive experience in a wide range of actuarial work including **actuarial valuation**, product **pricing**, **financial projection**, business feasibility studies, risk management, financial reporting, IFRS 17 and underwriting policy development.

Debbie has experience across life insurance, general insurance, captive insurance life reinsurance, general reinsurance, family takaful and general takaful verticals. Her work spans across Malaysia, Australia, Cambodia, Myanmar, Singapore, Indonesia, Thailand and Bahrain.

Debbie is proficient in **R**, **Python**, **Power BI,** Visual Basic for Applications (**VBA**), Statistical Analysis System (**SAS**) and Structured Query Language (**SQL**) programming languages, as well as actuarial applications such as **Excel**, Data Conversion System (**DCS**) and Prophet. She has led several actuarial software development projects, including PET Robot, LRC Robot, LIC Robot for IFRS 17 and ReACC for reinsurance accounting. She also has extensive experience building automation tools to enable process automation in actuarial work.

Debbie has strong communication skills due to her prior exposure to journalism and leadership experiences. She has been actively delivering educational talks to university students on topics relating to the actuarial industry. Debbie has co-written a research paper for the Society of Actuaries (SOA) on the topic of artificial intelligence and its application in actuarial work.

Debbie graduated from the University of Liverpool, United Kingdom with a BSc (Hons) in Actuarial Mathematics. She is currently studying towards attaining Fellowship of the Institute and Faculty of Actuaries (UK).

Jessie Leong
AIA C. Act
Reporting Lead

> High quality, accuracy and proficiency of my work defines my clients' success!

Jessie is an Associate Actuary and she is the Reporting Lead at Actomate. Jessie has over 5 years of experience in actuarial work, and has led various actuarial valuation projects across Malaysia, Cambodia, Laos, and Papua New Guinea.

Jessie is well-versed in local regulatory requirements and oversees all internal regular statutory and financial reporting, ensuring compliance with regulations and adherence to submission deadlines. Jessie is also heavily involved in **IFRS 17 implementation** projects for general and captive insurance companies. Apart from that, Jessie has contributed to the review and development of in-house IFRS 17 software, the **PAA Robot.** Jessie is proficient in **Excel** and **Data3Sixty.**

Jessie has worked with a diverse range of clients, including **family takaful**, **general insurance**, **general takaful**, **captive insurance**, **reinsurance**, and funeral service companies. Her expertise covers actuarial valuation, financial reporting, reinsurance optimization, capital modeling, and product pricing. Jessie also has experience assisting audit firms with **actuarial-related audit work**.

Jessie graduated with First-Class Honours in BSc (Hons) Actuarial Science from Heriot-Watt University, Malaysia. Jessie is currently studying towards attaining Fellowship of the Institute and Faculty of Actuaries (UK). Jessie is keen on exploring and applying her actuarial knowledge in both traditional and non-traditional areas of actuarial work.

Nadia Suharto
ASA
Country Lead, Indonesia

> Clients benefit from the quality & effectiveness of my work!

Nadia is an Associate Actuary and she is the Country Lead for Indonesia. Nadia has over 4 years of experience in product development, product **pricing** and **financial projections** in life insurance, family takaful (Syariah life insurance), medical insurance, life reinsurance, health reinsurance, group employee benefits as well as for insurtech startups.

Nadia has led pricing projects in Malaysia, Indonesia, Cambodia and Myanmar, for multinational and local insurers. She is familiar with local regulatory requirements and internal requirements of large multinational insurers, including IFRS 17, market consistent embedded value (MCEV), traditional embedded value, Risk-based Capital (RBC) and many others. Nadia is proficient in **Excel**, Visual Basic for Applications (**VBA**), Prophet, Data Conversion System (DCS) as well as R. Outside of product pricing, Nadia also has experience in actuarial modelling and actuarial valuation of employee benefit schemes, life insurance and general insurance.

Nadia is also proficient in robotic process automation (RPA). She has developed an automated life insurance valuation routine using Automation Anywhere, applying the latest technology and innovation.

Nadia graduated from UCSI University in Malaysia with First Class Honours in BSc Actuarial Science. She is an Associate of the Society of Actuaries (US) and studying towards attaining Fellowship of the SOA. She is a fast learner and is always keen to learn new things. Her organizational experiences have developed her strong communication, time management and problem-solving skills.

Lim Jone Keat
Technology Development Lead

> I am productionizing data science and data analytics tools

Jone Keat joined Actomate in 2020, he is the Technology Development Lead of the company. He has over 4 years of experience serving as a programmer and software developer in the actuarial industry. Jone Keat has practical experience in both the software development and actuarial works including frontend and backend web applications, application programming interface (API), database, and actuarial valuation in Malaysia.

Jone Keat is proficient in **R**, **Visual Basic for Applications (VBA), HTML and CSS**, and he is learning Javascript and Rust programming languages. He is also proficient with actuarial applications and automation tools such as **Excel, Data Conversion System (DCS) and Data3Sixty**. He has worked on several software development projects, including ReACC Robot for reinsurance accounting, LRC Robot, LIC Robot for IFRS 17, and job recruitment application. To better understand our client needs, Jone Keat is proactively involved in actuarial valuation projects of general insurance. Jone Keat is also an experienced trainer, he has developed training materials and conducted technology trainings to internal staff.

Jone Keat has prior work experience in the economic database company, to ensure the accuracy and timeliness of the economic data and financial forecast. In his prior experience, Jone Keat is equipped with knowledge of building automation tools to enhance the efficiency of the operations, and modelling time series.

Jone Keat graduated from Universiti Tunku Abdul Rahman with a BSc (Hons) in Actuarial Science. He is currently studying towards attaining Fellowship of the Casualty Actuarial Society (CAS).

Ng Eng Kheng
Modelling Lead

> Clients' success propels me to strive better.

Eng Kheng is the Modelling Lead at Actomate. He has over 4 years of experience in actuarial work, covering fields such as life insurance, family takaful, reinsurance, employee benefits, funeral schemes, pension and insurtech startups.

Eng Kheng has worked for clients across Asia, including Malaysia, Cambodia, Thailand, Singapore, Bangladesh and Mauritius Seychelles. He has underwent secondments to client in regional IFRS 17 roles. For these clients, he has performed **actuarial valuation**, product **pricing**, financial reporting, capital modelling, stress testing, feasibility studies and **financial projections**.

Eng Kheng is skilled at Prophet and Data Conversion System (DCS) modelling, as well as providing training in DCS and Prophet. He has also supported IFRS 17 implementation for insurance and takaful companies in Malaysia. Eng Kheng is proficient in **Excel**, Visual Basic for Applications (**VBA**) and **R**. He has significant experience in building and testing application software using **R Shiny**. He is involved significantly in the coding and testing of reinsurance software, ReACC robot which is used by clients regularly to generate reinsurance results.

Eng Kheng graduated from the University of Manchester with First Class Honours in BSc Actuarial Science and Mathematics in 2018. He is currently studying towards qualifying as a Fellow of the Institute and Faculty of Actuaries (UK).

Chu Wei Jie
AIA C. Act
Associate Actuary

> Always be learning. Every day is a chance to grow.

Wei Jie is an Associate Actuary with five years of experience in the life insurance industry. He has accumulated extensive experience in **product pricing**, alongside proficiency in key technical tools such as **Prophet**, **Excel**, Visual Basic for Applications (**VBA**) and Structured Query Language (**SQL**). His technical skills enable him to analyze data sets and develop robust pricing models that drive business success.

Wei Jie possesses strong analytical skills and attention to details, enabling him to develop innovative pricing strategies. His previous experience includes product pricing and modelling of traditional and investment-linked products. He has also contributed to automation projects that streamline processes, demonstrating his commitment to innovation and efficiency. In addition to his pricing experience, Wei Jie is involved in various valuation work for Labuan insurers, medical repricing projects for takaful company and financial projection works.

Wei Jie graduated from Heriot-Watt University with a BSc (Hons) in Actuarial Science and an MSc in Actuarial Management. He has attained Associateship from the Institute and Faculty of Actuaries (UK) and is currently pursuing his Fellowship qualifications. As a keen and fast learner, he continually seeks opportunities to enhance his knowledge and skills within the actuarial field.

Dyson Yong
ASA
Associate Actuary

> Transforming challenges into opportunities, I navigate complexities to deliver impactful solutions for clients.
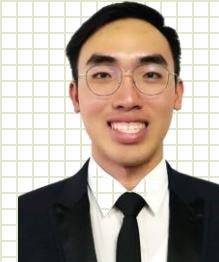
Dyson is an Associate Actuary at Actomate. He is an expert in product development and plays a key role in making Actomate a household name and market leader in product development services and solutions. He brings to the table his expertise in end-to-end **product development** and product management within the life insurance and family takaful industry, as he is well versed in all topics from product design to customer experience to market trends to profitability targets. He has experience across all distribution channels, including agency, bancassurance and direct channels.

He also has experience in **actuarial valuation** and **actuarial audit**. He has worked on projects for life insurance, general insurance, and family takaful companies. Dyson has collaborated with clients in Malaysia, Cambodia and Laos. He is proficient in **Excel**, Visual Basic for Applications (**VBA**) and Robotic Process Automation (**RPA**), enabling him to turnaround actuarial valuation work in a short time.

Before joining Actomate, Dyson spent 6 years in product development and management with leading insurance companies and banks in Malaysia. His innovative ideas and forward-thinking mindset have consistently driven the team's success and positioned the company ahead of competitors.

Dyson excels in communication, both verbal and written, ensuring clear interactions with colleagues, clients, and stakeholders. He is adept at time management, prioritizing tasks, managing deadlines, and optimizing workflows to ensure timely project completion.

Dyson graduated from Universiti Tunku Abdul Rahman in BSc (Hons) Actuarial Science. He is an Associate of the Society of Actuaries (US) and is currently studying towards attaining Fellowship of the Society of Actuaries.

Samsome Chong
Country Lead, Singapore

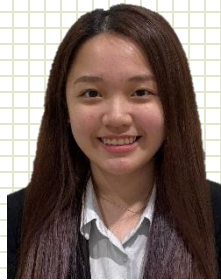> I am driving excellence by connecting people, opportunities, and results.

Samsome joined Actomate in 2024, bringing over 5 years of experience in actuarial valuation, data analytics, and IFRS 17 modelling for life and general insurance. He currently leads business development and all aspects of Actomate's operations in Singapore.

Samsome has contributed to valuation projects across Malaysia, Singapore, and Cambodia, where he played a key role in building valuation models and automating processes to enhance efficiency. His expertise includes ETL and data management, with a focus on IFRS 17 cash flow modelling.

Before joining Actomate, Samsome was heavily involved in the IFRS 17 implementation for a Singapore insurer. He managed User Acceptance Testing to ensure data flow and systems functioned as expected, with proper documentation and minimal human intervention. After the implementation, he streamlined the IFRS 17 workflow for general insurance and automated many manual processes. Additionally, he developed Alteryx models and Visual Basic for Applications (VBA) tools to enhance data verification and report generation.

Samsome is proficient in Excel, VBA, Alteryx, Power BI, Data360, and Prophet. He is passionate about exploring new challenges and advancing his expertise in data analytics, automation, and risk management. He aims to leverage technology and actuarial work to make his clients more successful.

Samsome graduated with First Class Honours in Actuarial Science from Universiti Tunku Abdul Rahman and is currently pursuing Fellowship with the Society of Actuaries (US), SOA.

Jacy Chin Jia Xin
AIA C. Act
Associate Actuary

I aim to delight every client we serve!

Jacy is an Associate Actuary at Actomate. Jacy has over 3 years of experience in actuarial work covering life insurance, family takaful and reinsurance.

Jacy has experience in **actuarial valuation**, **actuarial modelling** and **IFRS 17** in the life insurance field. She has been working on life reserving valuation for a company in Cambodia. Apart from that, Jacy has been involved in IFRS 17 implementation and reporting projects for life insurance and family takaful companies. She is proficient in **Prophet**, **Excel** and Data Conversion System (**DCS**). Jacy has worked with clients in Malaysia, Cambodia and Singapore.

Jacy has several experiences on secondment to large multinational insurance companies for IFRS 17 projects. Jacy was involved in IFRS 17 implementation work in the life insurance field from operating and testing the IFRS 17 transition tool to analysing the results. She is currently working on IFRS 17 parallel run work in the Family Takaful company. Jacy helps in IFRS 17 modelling work which includes building the IFRS 17 roll-forward mechanism in Prophet and Data Conversion System (DCS). Besides, she is also involved in IFRS 17 retakaful modelling and ad-hoc enhancements on the working templates.

Jacy graduated from Sunway University with first-class honours in BSc (Hons) Actuarial Studies. She is currently studying towards attaining the Fellowship of Institute and Faculty of Actuaries (UK), IFoA.

Tan Min Li
AIA C. Act
Associate Actuary

I am highly motivated to help clients achieve their goals!

Min Li is an Associate Actuary with close to 4 years of experience in the life insurance and takaful industry, serving clients in Malaysia and Labuan. She first started her career in 2021. She has **actuarial modelling** experience in **Prophet** and **Data Conversion System** (DCS) and **actuarial valuation** experience in takaful statistical reporting, economic capital reporting and local statistical reporting. Min Li is proficient in **Excel, Prophet, DCS** and **FoxPro**. Min Li is involved in internal target capital level project for Labuan insurers, medical repricing project for Malaysia takaful company, actuarial valuation work for insurtech start-up, **actuarial audits** and **climate risk stress testing** for life insurance company in Malaysia.

Min Li has various modelling experience which includes model enhancements and new product coding in the family takaful industry. She has also been involved in performing data enhancements to improve reporting accuracy. Apart from that, Min Li has supported table and model updates, data checking and negative testing for **IFRS17 reporting**. Min Li also developed and enhanced programming for statistical reporting and provided support in handling statistical reporting-related queries. Aside from that, Min Li has experience in economic capital reporting and IFRS17 implementation. She has performed analysis on economic capital reporting and assisted to set up runs to perform variable fee approach (VFA) eligibility test and profitability assessments.

Min Li graduated from Sunway University with a First-Class Honours in BSc (Hons) Actuarial Studies, and she is currently studying towards qualifying as a Fellow in the Institute and Faculty of Actuaries (UK).

Raymond Goh
ASA
Associate Actuary

I will ensure you achieving your goals by delivering the best of what you need.

Raymond is an Associate Actuary with over 5 years of experience in the industry. Having embarked on his professional journey in 2018, Raymond joined the company in 2022. His commitment to actuarial excellence and passion for innovation have driven him to make impactful contributions throughout his career.

Raymond has spearheaded diverse projects in countries like Malaysia, Cambodia, Laos, and Vietnam. His expertise extends across both life and general insurance, encompassing insurance valuation, product pricing, economic scenario generators (ESG) and IFRS 17 implementation and training. His skills include utilizing **Excel**, Visual Basic for Applications (**VBA**), **R**, Prophet and **Python**.

In his previous role, Raymond played a pivotal role in an insurtech start-up in Vietnam, where he served as an investment and business analyst. There, he was instrumental in project management, proposal development, and communication with clients, partners, and investors. In addition, he led the data and analytics team, managing extensive responsibilities in big **data**, **modeling**, and **machine learning** projects.

A graduate with First Class Honours in Bsc Actuarial Science from UCSI University Malaysia, Raymond is currently an Associate on the path to achieving Fellowship of the Society of Actuaries (US), SOA.

Yong Zhien Choong
ASA
Associate Actuary

> Driving success through expertise and innovative solutions.

Zhien Choong is an Associate Actuary with the company. He possesses an extensive background in actuarial field, accumulating over a decade of invaluable experience. His journey in the industry began 15 years ago, marking the commencement of a career characterized by innovation and excellence.

Zhien Choong's expertise lies on pricing and valuation work. His impactful work extends across Malaysia, Indonesia, Labuan, covering diverse sectors such as life insurance, general insurance, family takaful, and reinsurance. Zhien Choong excels in predictive analytics, machine learning, and deep learning techniques, driving data-driven business decisions through analytics.

In his earlier roles, Zhien Choong held influential positions, including Head of Analytics at various multinational company, where he pioneered advanced **analytics** and spearheaded initiatives involving external consultants, reinsurers, and centralized repository infrastructure management. His leadership in predictive modeling, AI, and visual analytics, played a pivotal role in shaping the landscape of these organizations. Zhien Choong's invaluable experience in **pricing** and **valuation** further underscores his comprehensive skill set, contributing to the financial success of the organizations he has been part of.

Zhien Choong's academic prowess includes a B.Sc. in Actuarial Mathematics and Finance from the University of Malaya. His professional qualifications include being an Associate of the Society of Actuaries (US) and a Chartered Financial Analyst (CFA). Additionally, Zhien Choong is certified in deep learning and holds Statistical Analytics System (**SAS**) certifications, showcasing his commitment to staying abreast of technological advancements. Proficient in tools like SAS, Tableau, **Power BI,** Amazon Elastic Compute Cloud (AWS EC2), and programming languages like **Python** and Visual Basic for Applications (**VBA**), Zhien Choong is a dynamic professional contributing to the intersection of tradition and innovation in the ever-evolving field of actuarial sciences.

Ng Shao Weng
AIA C. Act
Associate Actuary

> I commit my skills to make our clients more successful!

Shao Weng is an Associate Actuary with over two years of actuarial experience spanning life insurance, family takaful, and general insurance. He has worked with various clients across Southeast Asia, including Malaysia, Singapore, Myanmar, and Cambodia.

He has been involved in product pricing at a family takaful company and has been seconded multiple times to large multinational insurance firms for pricing projects. Shao Weng has led a valuation project in Malaysia and a pricing project in Singapore for multinational and local insurers, as well as start-ups. He is familiar with the regulatory requirements of Bank Negara Malaysia (BNM) and the Labuan Financial Services Authority (LFSA).

His expertise covers actuarial valuation in general insurance, general insurance pricing, product development, financial projection, and pricing, with a strong focus on medical repricing in life insurance and family takaful.

He is proficient in Excel, Visual Basic for Applications (VBA), Prophet, Data Conversion System (DCS), R Programming, and Power BI.
Shao Weng is also skilled in Excel modelling. He developed an Excel template for the Insurance Capital Adequacy Framework (ICAF) form using Excel and VBA, which improved the efficiency of ICAF submissions.

Shao Weng graduated from Sunway University with First Class Honours in BSc (Hons) Actuarial Studies. He is an Associate of the Institute and Faculty of Actuaries (UK) and is currently studying towards attaining Fellowship of the IFoA.
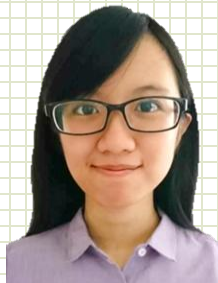
Ng Pei Sim
AIA C. Act
Associate Actuary

> I commit my skills to achieve clients' goals!

Pei Sim is an Associate Actuary at Actomate with over two years of experience in actuarial valuation, financial reporting, and risk assessment across general insurance, life insurance, and reinsurance. She was a pricing intern in a life insurance company.

Pei Sim has worked on **employee benefits**, including gratuity benefit schemes and post-retirement medical benefit schemes. She has extensive experience in **actuarial valuation** for general insurance, life insurance, and reinsurance companies in Cambodia and Labuan. Additionally, she has led **Internal Target Capital Level (ITCL)** assessments for Labuan clients, ensuring regulatory compliance and financial stability. She has also contributed to business projections for a general insurer and played a key role in updating business plan documents, providing strategic insights to support decision-making. Furthermore, she was involved in Bank Negara Malaysia's (BNM) ITSR project for a Takaful insurer, strengthening regulatory compliance initiatives. Her technical expertise includes proficiency in **Excel, Visual Basic for Applications (VBA), R, Prophet, Data Conversion System (DCS),** and **Robotic Process Automation (RPA).** She had also undergone **IFRS17 secondments** with several insurance and takaful companies.

Pei Sim holds a BSc (Hons) in Actuarial Studies from Sunway University Malaysia and is actively pursuing her Fellowship with the Institute and Faculty of Actuaries (UK) (IFoA). She is passionate about leveraging actuarial techniques to enhance business performance and drive innovation within the insurance industry.

Celine Chew
Actuarial Analyst

> Achieve clients' expectation diligently to strive for clients' success!

Celine joined Actomate as an Actuarial Analyst in 2022. Celine has over 4 years of experience with 2 years in actuarial work covering life insurance, general insurance and reinsurance, and another 2 years in product development and pricing support.

Celine has experience working on secondments for large multinational companies in the aspects of **reinsurance** and embedded value (EV) calculation. Her proficiency in using Prophet contributed to the reinsurance modelling for new and existing products of the company and she worked on ad-hoc work including building Excel validation templates to validate the reinsurance variables of **Prophet** against the Excel model. Besides, she was involved in assisting EV calculation work for clients to make management decisions.

Moreover, Celine has experience working on actuarial valuation, insurance and reinsurance optimisation work, in life insurance, general insurance and reinsurance. She has been working on actuarial valuations for clients from Cambodia & Labuan in providing the clients with a clear and accurate picture of their financing outstanding and future liabilities. Despite that, she worked on the insurance and reinsurance optimisation work for clients from Cambodia & Malaysia by using **Excel** and **R** to analyse the results, in minimizing costs and managing risk effectively.

Celine graduated from Asia Pacific University with a First-Class Honours in BSc (Hons) in Actuarial Studies and currently studying towards in attaining the Fellowship of Society of Actuaries (US), SOA.

Lee Yan Chin
Actuarial Analyst

> I commit my skills to achieve clients' goals!

Yan Chin is an Actuarial Analyst at Actomate, with over two years of experience in actuarial valuation and IFRS 17 implementation for life and general insurers. She has a strong understanding of Bank Negara Malaysia (BNM) regulations and IFRS 17 requirements. Currently seconded to a multinational insurance company in Malaysia, she focuses on optimizing internal processes using Power Query.

Yan Chin has played a pivotal role in multiple IFRS 17 implementation projects, leading efforts in data preparation, financial statement compliance, and impact analysis. Her contributions have driven project success while deepening her expertise in Excel VBA, Power BI, and in-house PAA and IBNR automation tools. She also has experience in actuarial modelling, transfer pricing, and employee benefits valuation.

Yan Chin holds a BSc (Hons) in Actuarial Studies from Sunway University and is currently pursuing Fellowship with the Institute and Faculty of Actuaries (UK).
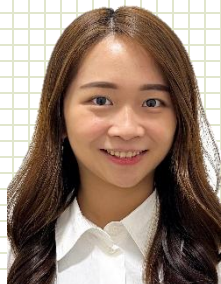
Vincent Tanuwidjaja
Actuarial Analyst

> A successful client is the result of a successful team!

Vincent joined Actomate as an Actuarial Analyst in 2022. Vincent has over 1 year of experience in actuarial work, covering life insurance, reinsurance, family takaful, and employee benefits.

Vincent is currently involved in secondment for IFRS 17 parallel run work in a family takaful company. Vincent supports the IFRS 17 implementation, reporting, system validation, and enhancements. He is also experienced in **IFRS 17** retakaful reporting works. Vincent also has experience in employee benefits valuation, having performed various valuations for clients across Southeast Asia, and also is involved in the development of the **employee benefits valuation**. Apart from that, Vincent also has been working on **reinsurance results calculation** for a company in Cambodia. Vincent is proficient in **Excel**, Visual Basic for Applications (**VBA**) and Data Conversion System (**DCS**). Vincent also has experience in **Prophet** and Robotic Process Automation (RPA).

Vincent graduated from UCSI University with first-class honours in BSc (Hons) Actuarial Science and Finance. He is currently studying towards attaining the Fellowship of the Society of Actuaries (US), SOA.

Selwin Chrisany
Actuarial Analyst

> I'm committed to provide exceptional performance to achieve client's goals

Selwin joined Actomate in 2022. She is an Actuarial Analyst. She has over 2 years of experience in the actuarial industry. Selwin has experience in a wide range of actuarial work including actuarial **valuation**, product pricing, financial projection and business **feasibility studies** across general insurance, life insurance, general reinsurance and life reinsurance. She also has experience in data analytics projects with non-insurance companies. Her work spans across Malaysia, Cambodia and Myanmar.

Selwin is proficient in **Excel**, Visual Basic for Applications (**VBA**), **R, Power BI** and **Python**. She has significant experience developing automated processes for actuarial work using VBA and Power BI. Selwin had extensive organization experience, which shaped her outstanding communication, time-management, and problem-solving skills. During her study, Selwin had internship experience in the insurance industry in Indonesia and Malaysia.

Selwin graduated from UCSI University Malaysia with First Class Honours in BSc (Hons) Actuarial Science. She is currently studying towards attaining Fellowship of the Society of Actuaries (US).

Jasmine Lau
Actuarial Analyst

> I strive for excellence when achieving client's objectives.

Jasmine is an Actuarial Analyst at Actomate. She joined Actomate in 2023 and has close to 3 years of experience in actuarial work. Jasmine has experience in actuarial valuation, statutory reporting, IFRS 17 implementation, pricing, and data analytics work.

Jasmine has worked with various life insurance, general insurance and family takaful companies from Malaysia, Singapore and Cambodia on their **actuarial valuation** and **IFRS 17** implementation, which includes transition work, Prophet testing and Moody's Analytics RiskIntegrity for IFRS 17 validation. She has also conducted Individual Target Capital Level (ITCL) assessments for Labuan insurers. Her work experiences have helped her develop strong communication, analytical and problem-solving skills.

Jasmine is proficient in **Excel**, Visual Basic for Applications (**VBA**), **R Programming,** Structured Query Language (**SQL**), **Prophet**, Data Conversion System (DCS), Alteryx, Tableau, Power BI and Moody's Analytics RiskIntegrity for IFRS 17. She is a fast learner and is always keen to learn and expand her actuarial knowledge to provide solutions to real-world problems.

Jasmine graduated from Sunway University with BSc (Hons) in Actuarial Studies and is currently studying towards qualifying as a Fellow in the Institute and Faculty of Actuaries (UK), IFoA.

Clement Tan
Actuarial Analyst

> I strive for the best and aspire to exceed my client's expectations!

Clement is an Actuarial Analyst at Actomate. Ever since joining the actuarial industry back in 2022, Clement has over 2 years of experience in actuarial valuation and reporting in life insurance, reinsurance, family takaful and retakaful fields.

Clement is involved in many technological projects that offer innovative solutions in the field of actuarial science, including enhancing and maintaining Actomate's exclusive apps such as ReAcc Robot, LIC Robot and LRC Robot. He also assisted the team in IFRS 17 implementation projects for several general insurance companies. Apart from that, Clement also worked on the **valuation** and **modelling** of employee benefits that cater to the client's requirements. He underwent actuarial secondments with several life insurance and takaful companies. He is proficient in **Excel**, Visual Basic for Applications (**VBA**), **R**, Prophet and Data Conversion System (DCS) and has gained extensive experience with data analytics tools such as Alteryx.

Clement graduated from Sunway University in Malaysia with a BSc (Hons) in Actuarial Studies. He is currently working towards attaining associateship with the Institute and Faculty of Actuaries (UK), IFoA. He is a fast learner with an open mind who is always keen to learn and explore new things. His work experiences have helped him develop strong communication, time management and problem-solving skills.

Gai Min-Qi
Actuarial Analyst

I strive to contribute!

Min-Qi joined Actomate as an Actuarial Analyst in 2021. She has nearly 3 years of experience in the actuarial industry. She has experience in actuarial analytics, **actuarial valuation** and statistical reporting covering general insurance in Malaysia.

Min-Qi is proficient in Excel and Structured Query Language (SQL) programming language. She has experience working with **R programming**, Data3Sixty, Visual Basic for Applications (**VBA**). She is involved in enhancing and maintaining actuarial technology such as LIC Robot and LRC Robot. She has undergone an actuarial secondment with a multinational insurance company. She has also performed data processing enhancements for the clients to improve the process efficiency and reporting accuracy. Her work experience has shaped her to be attentive to details and helped her develop analytical as well as problem-solving skills.

Min-Qi graduated from Sunway University with a First-Class Honours in BSc (Hons) in Actuarial Studies. She is currently studying towards attaining Associateship and Fellowship of the Institute and Faculty of Actuaries (UK), IFoA.
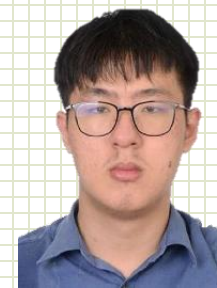
Chang Cun Yi
Actuarial Analyst

I am keen to apply my knowledge to help clients achieve their goals.

Cun Yi is an Actuarial Analyst at Actomate with over two years of experience in the actuarial industry. Before this role, he worked as a pricing intern at a life insurance company.

He has experience in **valuation** projects for general insurance companies in Labuan and Hong Kong, as well as **IFRS 17 implementation** for a life insurance company in Cambodia. His expertise includes **Risk-Based Capital (RBC),** particularly the Insurance Capital Adequacy Framework (ICAF), and conducting **Internal Target Capital Level (ITCL)** assessments for Labuan insurers, including setting up stress tests for the Capital Adequacy Ratio (CAR).

Additionally, Cun Yi is currently on secondment, assisting with year-end reporting for a Hong Kong general insurance company. He primarily supports the regional team in consolidating the Asia results and preparing year-end deliverables. He is proficient in **Microsoft Excel**, Visual Basic for Applications (**VBA**), and **R Programming.**

He graduated with a BSc (Hons) in Actuarial Studies from Sunway University and is currently pursuing Fellowship with the Institute and Faculty of Actuaries (UK).

Lee Tiong Gee
Actuarial Analyst

Clients benefit from the quality & effectiveness of my work!

Tiong Gee is an Actuarial Analyst with two years of experience in the actuarial industry, specializing in product pricing, financial projections, and regulatory compliance across Malaysia and Indonesia. His expertise covers traditional whole life and term life insurance, decreasing term life insurance, and family takaful products.

In addition, Tiong Gee is involved in **experience studies**, **actuarial valuation** and **risk-based capital (RBC) assessment** for general insurance clients in Malaysia. He is proficient in Visual Basic for Applications (**VBA**) and has experience applying Robotic Process Automation (**RPA**) to streamline workflows and enhance operational efficiency.

Tiong Gee graduated from Asia Pacific University with First Class Honours in BSc (Hons) Actuarial Studies, earning the Best Student Award. He is currently working towards qualifying as an Associate of the Institute and Faculty of Actuaries (IFoA, UK) and has obtained six exemptions.

Chong Zi Feng
Actuarial Analyst

Empowering success through innovative solutions.

With over 2 years of experience in the actuarial field, Zi Feng has built a strong foundation in actuarial valuation for general insurance companies across Labuan, Myanmar, and Malaysia. His expertise extends to actuarial IFRS 17 implementation and transition, financial reporting, and general insurance pricing.

Zi Feng has led process enhancements in **valuation**, leveraging tools like **VBA** to streamline workflows and improve efficiency. He has also utilized **Power BI** for data processing in **valuations**, significantly enhancing accuracy and operational efficiency. Furthermore, his contributions to **IFRS 17** implementation projects have been instrumental in ensuring compliance with the latest reporting standards and facilitating smooth client transitions.

Zi Feng's technical skills include proficiency in **VBA**, **R**, **Power BI,** and **SQL**, which he applies to develop automated solutions, conduct data analytics, and perform scenario analysis. He has also contributed to capital adequacy assessments, claims reserving, and employee benefits valuation.

A graduate of Asia Pacific University with First Class Honours in BSc (Hons) in Actuarial Studies, Zi Feng has earned six exemptions from the Institute and Faculty of Actuaries (UK). He is currently pursuing his qualifications as an Associate and Fellow of the IFoA, demonstrating his commitment to professional growth and excellence.

Soo Zi Yang
Actuarial Analyst

Empowered to innovate, driven to succeed.

Zi Yang joined Actomate as an Actuarial Analyst in November 2023. Zi Yang has over one year of experience in actuarial and **product development** work covering life insurance and family takaful. He has a diverse background in financial reporting, reinsurance, and **IFRS 17** implementation in the life insurance sector.

Zi Yang has been actively involved in the IFRS 17 implementation for a company in Cambodia. He has also played a key role in setting up the ReACC Robot using **R programming** for a Takaful Operator in Malaysia, which is used to generate reinsurance results. Additionally, Zi Yang has prepared employee benefit valuation reports for various companies across Malaysia, Cambodia, and Singapore. He is proficient in **Excel**, Visual Basic for Applications (VBA), and R programming.

Zi Yang graduated from Asia Pacific University with first-class honours in BSc (Hons) Actuarial Studies. He is currently studying to be an Associate of Institute and Faculty of Actuaries (UK), IFoA.

Jane Nicholas Jong
Actuarial Analyst

I thrive on challenges, and strive for excellence in everything I do!

Jane is a seasoned Actuarial Analyst with five years of expertise, having begun her career at an actuarial consulting firm in Indonesia. Joining Actomate in April 2024, she is committed to leverage her knowledge while actively seeking continuous growth within the actuarial field.

Her proficiency in **Excel** and **R Programming** is complemented by her adeptness in executing **actuarial valuations** and **sensitivity analyses**, as well as providing **actuarial audit support** in compliance with regulatory frameworks outlined by the Indonesia Financial Services Authority (OJK) and the Indonesian Accounting Standard. Furthermore, Jane has played a pivotal role in facilitating the implementation of **IFRS 17** for Indonesian and Malaysian general insurance companies, and has experience in general insurance pricing, particularly for captive insurance.

Graduating with first-class honours from UCSI University with a BSc (Hons) in Actuarial Science, Jane's academic prowess underscores her commitment to excellence. She is currently on the path to attaining accreditation as a Fellow of the Society of Actuaries (US).

Cha Wei Zheng
Actuarial Analyst

I'm fuelled by the passion to see our clients triumph

Wei Zheng has close to 1 year of experience as an Actuarial Analyst at Actomate and has also previously served as a pricing intern at a life insurance company for 3 months during his studies.

Wei Zheng has experience in **product pricing**, **actuarial valuation** and **experience study for reinsurance**. He is currently involved in product pricing and actuarial valuation projects for multinational insurers based in Labuan, Cambodia and Myanmar. On top of that, Wei Zheng is proficient in **Excel**, Visual Basic Application (**VBA**), **R** and **Power BI.**

Wei Zheng graduated from Sunway University in Malaysia with First Class Honours in BSc (Hons) in Actuarial Studies. With 6 exemptions in hand, he is currently aiming to qualify as a Fellow of the Institute and Faculty of Actuaries (UK), IFOA.
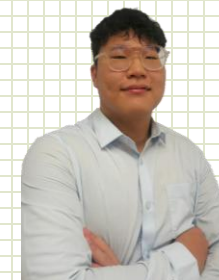
Joey Leong
Actuarial Analyst

Empowering actuarial excellence to serve clients with fresh insights and sharp analysis.

Joey joined Actomate as an Actuarial Analyst in May 2024, bringing a fresh perspective and eagerness to learn and contribute.

Joey will be involved in **actuarial valuation** across both general insurance and life insurance sectors. Her proficiency in **Excel** and R ensures a solid foundation for her responsibilities. During her internship with the company, she actively participated in valuation and pricing projects, providing valuable support and gaining insights into the intricacies of the insurance business. This experience further enhanced her understanding of industry dynamics.

Joey graduated from Heriot-Watt University Malaysia in BSc (Hons) Actuarial Science. She is currently studying towards attaining the Fellowship of Institute and Faculty of Actuaries (UK), IFoA

Jason Bay Chun Kiat
Actuarial Analyst

I am committed to achieving excellence in fulfilling client's objectives.

Jason joined Actomate with the role of an Actuarial Analyst in June 2024. Prior to this, he was an actuarial audit intern at a consulting firm for 3 months during his studies.

He has experience in conducting **actuarial audits** for multinational insurers operating in Cambodia and Vietnam. Additionally, he was involved in the independent **modelling** of non-participating products for the multinational insurers based in Cambodia to ensure the reserve value of the client firm was conservative and sufficient. Jason is proficient in **Excel**, **R** and Visual Basic for Application (**VBA**).

Jason graduated with First Class Honours in BSc (Hons) Actuarial Studies from Sunway University in Malaysia and is currently pursuing qualification as a Fellow of the Institute and Faculty of Actuaries (IFoA) in the UK.

Cheng Yuk Fook
Actuarial Analyst

> I strive for excellence by diligently working to achieve client's objectives with unwavering commitment.

Yuk Fook joined Actomate as an Actuarial Analyst in July 2024. His previous roles as a pricing intern and a product development executive at various leading life insurance companies has ensured that he has a deep understanding of life insurance products.

Yuk Fook has significant experience in the **valuation** of general insurance companies in Labuan, specializing in **IFRS17** and actuarial analysis. He excels in leveraging macros to optimize workflows, enhancing operational efficiency. Furthermore, Yuk Fook has played an active role in supporting the implementation of IFRS17, using his expertise to ensure a seamless transition to the new reporting framework. His strong combination of technical valuation skills and project experience makes him a key contributor in the industry.

His technical proficiency is robust, with advanced skills in **Excel**, Visual Basic for Applications (**VBA**), and **R** programming. These skills have been instrumental in his ability to analyze complex data and streamline actuarial processes.

Academically, Yuk Fook graduated with First Class Honours in BSc (Hons) Actuarial Studies from Asia Pacific University, where he earned recognition for his outstanding final year project. He is currently pursuing associateship from the Institute and Faculty of Actuaries (UK), IFoA.

Ryan Lim Wee Ming
Actuarial Analyst

> Committed to continuous improvement, I'm passionate about helping clients achieve excellence.

Ryan joined Actomate as an Actuarial Analyst in July 2024. Prior to this role, he served as a pricing intern at a life insurance company.

Ryan is currently involved in **actuarial valuation** for a life insurance company in Labuan. He is also part of the **IFRS 17** implementation team for several general insurance companies.

Ryan has experience in user acceptance testing (UAT) for sales illustrations and investment-linked product (ILP) sustainability templates. He is proficient in **Excel**, Visual Basic for Applications (VBA), and R. Additionally, he has worked on projects involving VBA for data preparation and sensitivity testing for product repricing.

Ryan graduated from Sunway University with First Class Honours in BSc (Hons) in Actuarial Studies. He is currently working towards attaining associateship with the Institute and Faculty of Actuaries (UK), IFoA.

Tan Zi Ying
Actuarial Analyst

> Every challenge is an opportunity to learn and grow.

Zi Ying joined Actomate as an Actuarial Analyst in July 2024. She has over 2 years of experience in the insurance industry. Prior to this role, she worked in the risk management department at a life insurance company and gained experience in operational risk management. She was also a reinsurance intern at a life insurance company for 3 months during her studies.

Zi Ying is currently involved in **analytics work**, focusing on developing and enhancing automated processes with **Power BI** to improve valuation infrastructure.

Zi Ying is proficient in **Excel**, with additional skills in **R**, Visual Basic for Applications (**VBA**), and **Power BI,** enhancing her ability to leverage data for insightful analysis. She is a fast learner and is always keen to learn and expand her actuarial knowledge. Her transition to the actuarial field reflects her adaptability and eagerness to acquire hands-on experience in actuarial work.

Zi Ying graduated from Heriot-Watt University Malaysia with First Class Honours in BSc (Hons) Actuarial Science. She is currently studying towards qualifying as an Associate of the Institute and Faculty of Actuaries (UK), IFoA.

Teo Yi Xuan
Actuarial Analyst

I strive to deliver exceptional performance to achieve clients' goals.

Yi Xuan is an Actuarial Analyst at Actomate, previously serving as an actuarial valuation intern at a life insurance company. She has close to one year of experience in the actuarial industry, serving clients from Malaysia, Labuan and Cambodia.

Yi Xuan has experience in conducting **ITCL** for Labuan insurers, **actuarial modelling** in product pricing and **climate risk stress testing**. Moreover, Yi Xuan is working on **actuarial valuation** and **actuarial audits** for insurers operating in Cambodia. She is proficient in **Microsoft Excel, R Programming, and Visual Basic for Applications (VBA).**

Yi Xuan graduated with First Class Honours in BSc (Hons) Actuarial Science from Heriot-Watt University Malaysia. She was awarded the CAS Book Prize for ranking among the top three in her course. She is currently studying towards qualifying as a Fellow of the Institute and Faculty of Actuaries (UK), IFoA.

Desmond Lean
Actuarial Analyst

I strive to contribute to our team's growth and development

Desmond is an Actuarial Analyst at Actomate, with close to a year of experience in the actuarial industry. He has worked with clients across Malaysia and Labuan, specializing in actuarial valuation, experience studies, and actuarial modeling. Before joining Actomate, he gained industry exposure as a product team intern at a life insurance company.

At Actomate, Desmond plays a key role in **actuarial valuation** and experience studies for multiple general reinsurance companies in Labuan. He is also actively involved in **Risk-Based Capital (RBC) assessments** under the Insurance Capital Adequacy Framework (ICAF) and contributes to **IFRS 17 implementation** for a general reinsurance company. In addition, he has experience in **actuarial modeling** for life insurance product pricing and is engaged in market research for the captive insurance sector.

With a strong technical foundation, Desmond is proficient in **Excel**, Visual Basic for Applications (**VBA**), **Power BI**, and **R**. His expertise in leveraging macros and automation tools enhances workflow efficiency and optimizes actuarial processes.

He holds a First-Class Honours degree in BSc (Hons) Actuarial Studies from Asia Pacific University Malaysia and is currently pursuing his Associate qualification with the Institute and Faculty of Actuaries (UK) (IFoA).

Brandon Lee Jin Yu
Actuarial Analyst

Continuous improvement is a key to success

Brandon joined Actomate as an Actuarial Analyst in September 2024. He previously served as an actuarial intern in Actomate during his studies. His passion in mathematics since an early age has given him a strong motivation to venture more about actuarial related work.

During his internship, he contributed various works such as preparation of Financial Condition Report (FCR) for a family takaful company in Malaysia, actuarial trainings, web scrapping and stress test on premium using Prophet Enterprise. He is also proficient in **R Programming** and **Excel**. Apart from his hard skills, he also has great time management which helps him on prioritizing task and timely project completion.

Brandon graduated from Taylor's University with BSc (Hons) in Actuarial Studies. He is currently studying towards attaining the Associateship with the Institute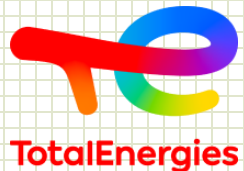 and Faculty of Actuaries (UK), iFoA.