

Kin Chen

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PROFESSIONAL PROFILE

- **Motivated software engineering graduate with a strong foundation in full-stack development**, recognised for academic excellence in Web Application Development and Enterprise-Scale Software Architecture. Proficient in modern frameworks and technologies including React, Spring Boot, Node.js, PostgreSQL, RESTful APIs, and cloud platforms such as AWS and Azure.
- **Self-motivated and adaptable, with a strong problem-solving mindset and a passion for tackling complex technical and business challenges.** A fast learner who quickly understands new problems and adapts to evolving requirements. Highly collaborative and an excellent team player, committed to working with others to develop effective and innovative solutions.
- **Professional experience in Agile and Hybrid development cycles**, facilitating software development as part of the technical team, with recognition from the Australian Computer Society (ACS) as a Business Analyst and Systems Analyst.

EDUCATION

Master of Computer Science (Advanced Entry)

Jul 2023 - Jun 2025 (Expected)

The University of Sydney

Sydney, Australia

- **Grade:** 83/100 (First-class Honors Range)
- **Project Experiences:**
 - **E-commerce Platform** (GitHub: <https://github.com/heykinchan/e-commerce-project>): Developed a platform for users to browse products, place orders, make payments, and receive email notifications. Built the front-end with **React** and implemented the back-end using **Spring Boot**, **PostgreSQL**, and **RabbitMQ** for messaging, with **RESTful APIs** enabling seamless communication between components.
 - **AI Assistant for Gym** (GitHub: <https://github.com/heykinchan/ai-gym-trainer>): Built an intelligent application powered by **ChatGPT** to assist gym stakeholders with management, training consultations, and companion services. Used **React** for the front-end, **Spring Boot** and **PostgreSQL** for the back-end, and **Python** to integrate ChatGPT via APIs. Deployed the solution on **AWS** for scalability and reliability.
 - **CMS System:** Developing a Booking Management System for Farm Activities using the Azure ecosystem, with authentication via **Microsoft Entra ID**, hosted on **Azure App Service**, and built with **React**, **Redux**, and **MUI**, providing role-based access control and enhanced modules for asset, activity, and booking management. Created serverless APIs using **Azure Functions** with **TypeScript** and **Prisma**, storing data in **Azure SQL Database** and images in **Azure Blob Storage**.

Bachelor of Science in Mathematics – Computer Science Track

2012 - 2017

The Hong Kong University of Science and Technology

Hong Kong

- **Honor:** First-class Honors

WORKING EXPERIENCE

Business & Data Analyst

Jan 2024 - Present

Mintwell (Financial Service Company)

Sydney, Australia

- Designed and built backend integrations, automations, and custom solutions to streamline internal systems.
- Collaborated with all business units to understand business challenges and translate them into system solutions.
- Built and maintained data pipelines and reporting to support operational and C-level decision-making.

- **Software Development Projects:**

- Identified redundant data input across CRM, BrokerEngine, and AdviserLogic. Designed and implemented system automation using **RESTful API** and **Node.js**, reducing manual effort by 30% for the operations team.
- Consolidated scattered reporting and manual reconciliation by developing a KPI dashboard on **Power BI** with a backend built in **Spring Boot** and **PostgreSQL**. Handled data consolidation, cleansing, and validation, exposing data via **RESTful APIs**. Saved each team 2–3 days per month on reporting and enabled real-time data visualisation for the C-level.
- Identified limitations of the existing HRMS. Currently co-developing a custom solution with a front-end developer using **Spring Boot**, **RabbitMQ**, and **PostgreSQL**, with **OAuth** authentication and **AWS** deployment planned. Aims to replace the current system and save ~\$30K annually in subscription fees.

Product Manager

Mar 2021 - Mar 2023

Zipmex (South East Asia's leading crypto exchange)

Bangkok, Thailand

- Led the end-to-end product development of high-impact initiatives, including the NFT project with Viu Thailand and the Metaverse project with Siam Piwat, ensuring seamless collaboration and integrations.
- Defined comprehensive product roadmaps and captured detailed business requirements, collaborating with internal teams and external stakeholders to ensure accurate interpretation and alignment with project goals.

Business Analyst

Nov 2018 - Feb 2021

Alibaba Group & Alipay

Hong Kong

- Led the development of project requirements for the offline payment QR code feature and Hong Kong's first food-ordering mini-app, ensuring alignment with local business priorities and headquarters' strategic objectives.
- Bridged communication between local business teams and the technical team in the headquarter, ensuring the requirements from key stakeholders were accurately documented, interpreted, and prioritised.

PROFESSIONAL SKILLS

- **Qualification:** Business Analyst and System Analyst qualified by ACS
- **Tech Stack:**
 - **Programming Languages:** Java, Python, C++, C#, JavaScript, TypeScript, SQL, HTML, CSS
 - **Backend & API Development:** Spring Boot, Node.js, Express.js, Django, Flask, RESTful API, SOAP, Azure Functions (TypeScript), Prisma
 - **Frontend:** React.js, Vue.js, Angular, Redux, MUI (Material UI)
 - **Databases:** PostgreSQL, MySQL, MongoDB, Azure SQL Server
 - **Authentication & Security:** Microsoft Entra ID
 - **Cloud & DevOps:** AWS, Azure App Service, Azure Blob Storage, Docker, Kubernetes, CI/CD pipelines
 - **Testing & Automation:** JUnit, TestNG, Postman, RestAssured
 - **Version Control & Collaboration:** Git, GitHub, Bitbucket, Jira, Confluence
 - **Message Brokers & Event-Driven Architecture:** RabbitMQ, Kafka
 - **Product & Data Tools:** Power BI, Google Analytics, HubSpot, Xero
- **Software Development:** Agile (Scrum, Kanban), Hybrid (Waterfall + Agile)
- **Agile Competencies:** Scrum, Kanban, Product Backlog, User Stories, Release Planning, Sprint Planning, Backlog Grooming, Daily Scrum Meetings, Sprint Review, Retrospective Review, Continuous Improvement
- **Languages:** English, Mandarin, Cantonese