Kai Chun Yu

🎓 Master of IT, Software Development, Griffith University, 2023 - 2024

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PROJECTS

Tetris game, A Java GUI Program, was developed in one month in a team of three developers.
`Java/Git/Swing/AWT/Junit5/Network Programming`

- Designing and planning a classical mini game by writing pure Java code.
- Implemented socket communication to external server for enabling external two player mode.
- Implemented unit testing for main functionalities.

Fake Store, A Modern shopping mobile application, was developed in one month.
`JavaScript/NodeJS/React Native/Git/Restful API`

- Designed the mobile app using react-native and nested three navigation stacks inside the application.
- Manipulated three Redux slices for state management using action payload, reducer and selector to handle shopping cart items, user information, and order history.
- Implemented API integration with the backend, fetching data from fake store API endpoints and modifying data in fake store server endpoints.
- Implemented user authentication for access control of the entire application.

To Do List, A task management mobile application, was developed in two weeks.
`JavaScript/NodeJS/React Native/Git`

- Implemented key features including data persistence, state management, navigation, input validation, and expand/collapse functionality.
- Implemented Async storage for data persistence to handle add new to do, and complete task functionalities.

Placement Management system, A web application, was developed in one month.
`Laravel/PHP/SQLite/HTML/CSS`

- Developed an authentication system with role-based access control.
- Successfully integrated CRUD functionality for efficient database management.

Crash Data Analyse Program, A Python GUI program, was developed by collaborating with two developers around a month.
`Python/SQL/Git`

- Designed and implemented a graphical interface program using Python tkinter and matplotlib to analyse 75,000 rows of Excel data.
- Converted 75,000 rows of Excel data into a database and utilized SQL for efficient data management.

Tic Tac Toe, A mobile application featuring a classic game for two players, was developed in one week.
`JavaScript/NodeJS/React Native`

SKILLS

Front-End Development
- JavaScript
- HTML
- CSS/ Bootstrap/ Tailwind CSS
- WordPress

Back-End Development
- Java
- Python
- PHP
- Laravel
- Restful API

Mobile development
- React Native
- Redux

Version Control Management
- Git

Database management/Data Model
- SQL
- JSON

Cloud Computing
- AWS S3/EC2

Software Engineering
- SDLC
- MVC Model
- Unit Testing
- Agile/Waterfall Methodology

Networking
- TCP/IP
- IPv4/IPv6
- Basic Network configuration and Troubleshooting
- SFIA 8 Level 3

LICENCES & CERTS

Networking
- Completed CISCO CCNA: Introduction to Networks Course

WORK EXPERIENCES

Web Developer | Freelance | AU Finance Jan 2025 - Present
- Collaborating with a private company to design and develop a professional and user-friendly website tailored to their business needs.
- **Client collaboration:** Conducting client consultations to identify requirements, goals, and design preferences.
- Leveraging web development skills to create responsive and visually appealing designs.
- Ensuring optimal website performance and usability through thorough testing and iteration.

Web Developer | ANZ Clinical Motion Analysis Databank Website | Griffith University, Industry Partner Project Jul 2024 - Oct 2024
- Led a team of three developers in the development of a WordPress website for an industry partner, streamlining clinical motion analysis databank project for researchers.
- **Client collaboration:** Actively identified and gathered client requirements through regular communication to ensure the website met specific needs.
- **Technical leadership:** Oversaw the full development lifecycle, from design and architecture to deployment, ensuring timely delivery and adherence to project goals.
- **Custom functionality:** Implemented custom features and plugins in WordPress, optimizing the user experience and ensuring robust data management.
- **Team management:** Coordinated tasks and facilitated communication within the team, ensuring alignment with project objectives and timelines.

Waiter | Jasmine Room, Gold Coast, AU Dec 2022 – Present
- **Client-focused communication:** Provided exceptional dining experiences to customers, ensuring satisfaction and repeat business.
- **Adaptability:** Thrived in a fast-paced environment, demonstrating adaptability and effective problem-solving and communication skills.

Kitchen Hand | Mandarin Inn, AU Sep 2022 - Present
- **Problem-solving:** Managed unexpected challenges in a fast-paced kitchen environment by quickly adjusting to changing demands.
- **Teamwork and collaboration:** Worked closely with kitchen staff to ensure smooth service during busy periods, strengthening my ability to collaborate effectively in team settings.
- **Time management:** Efficiently handled multiple tasks simultaneously under tight time constraints, enhancing my ability to prioritize and meet deadlines.
- **Attention to detail:** Ensured all tasks were completed to high standards, demonstrating strong attention to detail.

Senior Analyst | Eddid Financial, HK Jul 2020 - Sep 2022
- Worked as accounting team member in a Fintech company.
- **Teamwork and collaboration:** Conducted a cross-team collaboration with IT experts to streamline office reimbursement processes, improving delivery time by 50%.
- **Reliability and accuracy:** Identified and resolved data discrepancies in financial reports, leading to more accurate forecasting and budget planning.
- **Adaptability:** Adapted quickly to the new accounting system, which enhanced the quality of presentations to senior management.

Key achievement : Representative of a ten-person accounting team to make cross-team collaboration for an office automation system project.

EDUCATIONS

Griffith University
Master of Information Technology
GPA: 6.2
Mar 2023 – Dec 2024

University of Tasmania
Bachelor of Business
Graduated in Dec 2018

PERSONAL SUMMARY

Dynamic IT graduated, specializing in software development and networking. Passionate about technology and problem-solving, with a solid understanding of software development lifecycle, core programming concepts and network configuration. Known as a collaborative team player with strong organizational and communication skills, currently exploring on modern cloud computing services, eager to contribute to innovative projects and continue learning in my professional endeavors.

AVABILABILITY

- Immediately
- Holding Graduate Visa (485)
- Full-time working right