

Gary Yao

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PERSONAL SUMMARY

Software Developer holding a Master of Information Technology from UNSW, with 8 years' experience in the IT industry, including 2 years in full-stack development, delivering scalable solutions in startup environments.

SKILL

Front-End	React, Typescript, Redux toolkit/RTK Query
	Responsive design,Tailwind CSS, MUI, SASS, Styled component
	HTML, CSS, Javascript
Back-End	Node Express, Azure Function, Jest test, MongoDB, Prisma
DevOps	Jenkins, Github Action, Docker, SWAG/Nginx

PROFESSIONAL EXPERIENCE

Front-End Developer at Cyberay

09/2023 - Present | Full-time | Sydney

- Developed **highly reusable and responsive components** adopted in 80%+ pages, with customizable props and adaptive styling to unify UI/UX across diverse scenarios, reducing redundant code and accelerating feature delivery.
- Architected and implemented **centralized state management** using **Redux Toolkit (RTK)** and streamlined API integrations with **RTK Query**, eliminating redundant code and improving data consistency through automated caching, enhancing maintainability and performance.
- Integrated **Azure Cognitive Search** to implement search page functionalities (filtering, sorting, pagination), reducing backend/frontend logic complexity by 70% and improving search performance through cloud-native scalability and built-in query optimizations.
- Collaborated with Business Analysts and UX/UI designers to redesign user interfaces using **Material-UI**, ensuring an elegant and intuitive experience.
- Accelerated onboarding for 3 new developers within 2 weeks, enabling them to deliver production-ready code adhering to team standards, while mentoring through code reviews for 5 developers to eliminate potential bugs and enforce consistent code quality.

Service App Manager & Technical Support at HUAWEI

10/2018 - 01/2023 | Full-time | Sydney, On-site

As a Service App Manager, I:

- Acted as the liaison between HQ IT and local logistics partner (AUPost IT) to adapt and launch localized systems, including the Postal Repair service platform.
- Oversaw API configuration, system integration, and end-to-end testing to ensure smooth rollout.
- Led the successful launch of the local repair service, reducing in-store service usage and self-post cases by 70%, significantly improving operational efficiency and customer convenience.
- Partnered cross-functionally with IT, logistics, and operations teams to align timelines, track development progress, and secure on-time product availability.

As a Technical Support, I:

- Supported service vendors by troubleshooting issues in the repair service ticketing system, delivering training, and providing repair guidance for electronic devices.
- Delivered technical assistance and tailored service solutions to retail stores, electronics retailers, and telecom operators, ensuring smooth operations and customer satisfaction.

PROJECT EXPERIENCE

TaskRoom: A Kanban-Based Project Management Web App (Trello-like)

01/2023 - 04/2023

Designed & developed a full-stack Kanban board application enabling task organization, team collaboration, and visual project tracking.

- Built the responsive front-end with **React**, **Redux Toolkit** (state management), React Beautiful DND (**drag-and-drop**), and **Material-UI**/styled-components (UI).
- Engineered the back-end RESTful API using Node.js/Express.js, with MongoDB/Mongoose for data persistence.
- Implemented secure **user authentication** via JWT and Passport.js (local & Google OAuth), including Nodemailer **email verification**.
- Developed real-time rich text task descriptions using React Quill.
- Designed a **role-based permission** system enabling project sharing, team collaboration, and access control (owner/member roles).
- Integrated project **link sharing** functionality.
- Utilized Swagger for **API documentation**, Jest for **testing**, ESLint for code quality, and Pino for logging.

EDUCATION

Master of IT at UNSW

07/2016 - 09/2018 | Sydney

Courses:

Computer Networks and Applications

Web Applications Engineering

Database Systems

Engineering Project Management

Data Structures and Algorithms

Mobile Data Networking

Capacity Planning of Computer Systems and Networks

Securing Wireless Networks

Principles of Programming, Engineering Decision Structures, Foundations of Computer Science, Artificial Intelligence, Knowledge Representation and Reasoning, Neural Networks and Deep Learning, Big Data Management, Data Warehousing and Data Mining