

Ziqing (Aria) Ouyang

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SUMMARY

IT professional with two years of hands-on experience as a Full-Stack Developer. Proficient in React.js, Next.js, Node.js (Express), and MongoDB. Skilled in designing RESTful APIs, optimizing database performance, and improving system efficiency. Successfully developed multilingual API key management systems to enhance user experience.

EDUCATION

Master of Information Technology February 2023 – December 2024.

The University of Western Australia, Perth

Bachelor of Management September 2017 – June 2021

Hubei University, Wuhan, China

SKILLS

Front-end: JavaScript (React.js, Next.js)

Back-end: Node.js (Express.js), Python (Flask)

Database: MySQL, MongoDB

Other: Git, AWS(ECS), Power BI

WORK HISTORY

Flash Hero Pty Ltd

Full-Stack Developer, Sydney(Remote), Australia

May 2024 – January 2025

- Developed frontend and backend features using React.js and Node.js (Express), ensuring system efficiency.
- Designed and implemented **RESTful APIs** for user authentication, transaction management, and strategy configuration, while resolving API navigation and data storage issues. Created Swagger API documentation for 10+ modules with 43 endpoints, enforcing best practices and improving development efficiency.
- Designed and optimized MongoDB data models to reduce redundant storage and enhance maintainability. Built a modular framework for API key management with multilingual support, real-time validation, and error handling, ensuring security compliance.
- Worked effectively with cross-functional teams and demonstrated strong problem-solving skills to enhance system stability and data consistency.

Web3in Tech-Lab Pty Ltd

April 2023 – February 2024

Front-End Developer, Mount Pleasant, WA

- Designed and implemented interactive UI components, including expandable dropdowns and navigational transitions.
- Developed dynamic module-based layouts, allowing seamless navigation between sections.
- Optimized responsive design and cross-browser compatibility to enhance accessibility.

Qihoo 360 (360 Security Technology Inc.)

May 2021 – October 2021

Product Operations Specialist, Beijing, China

- Reduce customer complaints by establishing new operational guidelines and improving product stability.
- Successfully resolved over 800 software and hardware issues, improving product reliability and user satisfaction.

VOLUNTEER EXPERIENCE

Perth GPN tutor

August 2023

Tutor Volunteer, Perth

- Python programming language instruction for young students, guiding them in coding principles and problem-solving.

Personal Portfolio Project

March 2024

Personal Project, Perth

- Built a personal portfolio using React, Next.js, TypeScript, and Tailwind CSS. Ensuring clean and maintainable code to showcase my technical skills and projects.
- Developed key features and deployed the portfolio on Vercel with a custom domain and automated GitHub integration.