

# VICTOR REN

## AGILE SOFTWARE ENGINEER

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### SUMMARY

Experienced software engineer proficient in application optimization, system architecture, CD/CI implementation, and cloud technologies such as AWS and Azure. Boasting a track record of improving system performance and user engagement through innovative development strategies and a deep understanding of the SDLC across the stack. Excels in fast-paced environments with ambitious teams. Full working rights.

### SKILLS

Development: JavaScript, TypeScript, React, Vue, Angular, C#, .NET, Python, Django, C/C++, Java, PHP

Data & ML: MySQL, MongoDB, PostgreSQL, RESTful API, Machine Learning, GIS, MapBox

Cloud & Tools: AWS, Git, Docker, CI/CD (Jenkins), Azure DevOps, Agile/Scrum, JIRA, TDD

### PROFESSIONAL EXPERIENCE

#### IT Support Engineer

JAGOPS Pty Ltd | Sydney, NSW | Nov 2023–Present

Role: Provide responsive Level 1 IT Support and client-facing problem resolution in an enterprise setting.

Responsibilities & Achievements:

- Deliver prompt technical assistance, troubleshooting user hardware and software issues
- Improved team efficiency by 50% through automation scripts and writing technical documentation

#### Software Engineer (Intern)

Revolution Edu Tech Pty Ltd | Chengdu, China | Sep 2021–Sep 2022

Role: Greenfield project team creating next version of Learning Management System for 100,00 users.

Responsibilities & Achievements:

- Follow Agile/Scrum practices in 10-person development team, utilising Git for version control
- Deployed responsive web app designs using TypeScript/React, increasing active users by 15%
- Oversaw the project to migrate the LMS to ASP.Net Core, improving app performance by 25%
- Updated Azure DevOps pipelines and automated integration tests to improve test coverage by 20%

#### Software Engineer (Intern)

Yishan Logistics | Chengdu, China | Mar 2021–Sep 2021

Role: Developed GIS application to manage logistics company job bidding and management platform.

Responsibilities & Achievements:

- Implemented continuous delivery processes with Jenkins for 30% increase in deployment frequency
- Reduced latency in real-time bidding platform by 60% through caching and async processing
- Migrated frontend framework to Vue.js for 40% faster page load speeds

### PROJECTS

**Full-stack Movie Review App** | Stack: MongoDB, Express.js, React.js, Nodejs | [Repo](#)

Lead a team of 5 developers to build a responsive and accessible app. Implemented flexible data model using MongoDB, enhanced with Mongoose and Redis. Utilised JWT for authentication, deployed on Heroku.

**Competition: AI Model Runtime Prediction** | [Website](#)

Silver medallist (600+ entrants) in a Google-sponsored Machine Learning model training competition.

### EDUCATION

#### Master of Information Technology

University of New South Wales | Sydney, NSW | 2021–2023

#### Bachelor of Management

Chengdu University | Chengdu, China | 2016–2020

### PUBLICATIONS

Q. Zhao, J. Sun, **H. Ren** and G. Sun, "Machine-Learning Based TCP Security Action Prediction," *2020 5th International Conference on Mechanical, Control and Computer Engineering (ICMCCE)*, Harbin, China, 2020, pp. 1329-1333, doi: 10.1109/ICMCCE51767.2020.00291.