

# Yixin(Charles) Zhang

## FULL STACK DEVELOPER

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Brisbane, QLD 4109

*Dynamic Junior Developer with a proven track record at Comactivity, specializing in .NET and Node.js. Enhanced UI consistency and streamlined workflows, significantly reducing setup time by 20%. Adept in Agile methodologies and committed to cross-functional collaboration, leveraging skills in cloud technologies and microservices to drive impactful results.*

## SKILLS

- Languages: C#, JavaScript, PHP, Java, Python, TypeScript
- Databases: SQL Server, MySQL, PostgreSQL, MongoDB
- DevOps & CI/CD: GitHub Actions, Microservices Architecture, Docker, Jenkins
- Frameworks: React, Vue.js, .NET MAUI, Xamarin, AngularJS, React, Node.js (Express), Laravel, Symfony, Next.js, AngularJS, Express.js
- Tools / Cloud: Visual Studio, AWS (Lambda, CloudFormation, Cognito), Docker, Jenkins, Jira, Confluence
- Soft Skills: Agile/Scrum, Cross-Functional Collaboration, Technical Documentation

## EXPERIENCE

### JUNIOR DEVELOPER

Comactivity

Brisbane, QLD

February 2024 - February 2025

- Maintained .NET Xamarin product; contributed to .NET MAUI migration, improving UI consistency.
- Built Node.js (Express) APIs for file uploads & user data, streamlining internal workflows.
- Developed and maintained a portal application using AngularJS for internal workflows, with a focus on optimizing front-end performance and creating modular components.
- Created AWS Lambda functions & optimized databases, enhancing system reliability.

#### Key Achievements:

- Reduced environment setup time by **~20%** with standardized deployment scripts.

### PORTAL DEVELOPER VOLUNTEER

Advancing Communities Australia

Brisbane, QLD

June 2023 - November 2024

- Developed a microservices-based portal with **React + Node.js** (data APIs) & PHP (image manipulation).
- Created a "Canva-like" module (GD/Imagick) for text/shape overlays & exports, cutting design time **~20%**.
- Implemented responsive design principles using **Vue.js**, ensuring the platform's accessibility and usability on both desktop and mobile devices.
- Integrated RESTful APIs for front-end data interaction, ensuring smooth communication between user interfaces and back-end services.

#### Key Achievements:

- Improved maintainability & deployment speed by decoupling services; boosted user adoption across groups.

## AI PYTHON DEVELOPER (INTERN)

Sam

**Sydney, SELECT**

*September 2023 - January 2024*

- Built AI-powered tools (OpenAI API) for predictive analytics, raising sales follow-up efficiency by 15%.

### Key Achievements:

- Transitioned into full-stack (C# services + Zoom/Teams integration); reduced load times by **30%** via optimized code.

## IT SUPPORT TECHNICIAN (INTERN)

T & R Sports

**Sydney, NSW**

*August 2023 - September 2023*

- Deployed servers & wrote Python scripts for label printing, stock updates across multiple warehouses.

### Key Achievements:

- Managed databases & automated synchronization to Excel/third-party platforms, cutting manual entry by **25%**.

## FULL STACK DEVELOPER INTERN

Zhu Zuo Ji Company

**Tianjin, TIANJIN**

*October 2020 - January 2023*

- Analyzed business requirements and modeled data structures using Java, React, Node.js, and Spring Boot, ensuring scalable system design.
- Developed responsive user interfaces for various projects using **Vue.js**, improving front-end development efficiency and maintainability through component-based development. Created reusable Vue components for both internal tools and customer projects.
- Integrated **Vue Router** and **Vuex** to manage application routing and global state, ensuring consistency in data flow and page navigation.
- Configured projects using **Vue CLI** and **Webpack**, optimizing the front-end build process and enhancing development efficiency and code quality.
- Maintained modular codebases, integrating microservices for key features and services.

### Key Achievements:

- Enhanced system performance by ~15% by optimizing RESTful APIs, database queries, and caching strategies.

## EDUCATION

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### MASTER OF INFORMATION TECHNOLOGY IN INFORMATION TECHNOLOGY

*Jul 2023*

The University of Queensland, **Brisbane**

## CERTIFICATIONS

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- AWS Cloud Technical Essentials