Eddy ZHANG

Full Stack Software Engineer | eddy.zhang24@gmail.com | (+61) 468 761 056

LinkedIn | GitHub | Portfolio

Summary

Software Engineer with **3+ years of experience** developing high-scale applications from **backend to UI**. Proficient in **Java**, **Spring Boot**, **Microservices**, and **React**. Highly skilled in **serverless computing**, **cloud architecture**, and **DevOps** practices. Brings **strong experience** in **Agile** delivery and **CI/CD** automation to drive operational excellence.

Professional Experience

Full Stack Developer — Shanghai, China
Newtouch Software Co., Ltd. — Aug 2022 - Aug 2023

- Developed and maintained high-scale **microservices** and **RESTful APIs** using **Java** and **Spring Boot**.
- Implemented **unit testing** using **JUnit** to improve code reliability and reduce production regressions.
- Delivered repeatable releases by containerising services with **Docker** and running **CI/CD** pipelines on **Linux**.
- Diagnosed and resolved **performance** issues on large datasets (10M+ rows) by analysing slow queries with **SQL** and applying partitioning and indexing.

Software Engineer — Suzhou, China
ZHONGGE Network Co., Ltd. — Jun 2020 - Jul 2022

- Developed **Java Spring Boot REST** endpoints and maintained **technical documentation** (**Swagger**, **Postman**) to support onboarding and cross-team integration.
- Supported build and release workflows using **Maven**, version control **Git**, and **CI/CD** practices in an **Agile** team.
- Collaborated with QA to translate requirements into acceptance criteria and test scenarios, improving delivery quality and reducing defect resolution cycles.

Projects

Jobflow – Job Search Automation Platform — Sydney, Australia
Next.js, TypeScript, Prisma, PostgreSQL, Azure | GitHub | Live Demo — Jul 2025 - Present

- Built and shipped a production-grade job-tracking platform with **Next.js**, **TypeScript**, **Prisma**, and **PostgreSQL**, delivering end-to-end features from data modeling to deployment.
- Packaged reusable AI workflow assets using **Cursor** and **Codex** into a downloadable **Skill Pack** (rules + prompt templates + schemas), improving prompt consistency and reducing manual tailoring effort.
- Implemented production-grade **CI/CD** workflows with **GitHub Actions** and **Vercel**, including automated checks, build validation, and release-safe deployment practices.

Project Contest Platform — Sydney, Australia
Java, MySQL, RabbitMQ, Docker, AWS, Jenkins | GitHub | Runner-up, Coding Fest 2025 — Feb 2025 - Jun 2025

- Built backend **microservices** using **Spring Cloud** and implemented secure authentication with **OAuth2/JWT**.
- Delivered a responsive **React** web UI using **HTML5/CSS3** and **JavaScript** to support end-to-end user flows.
- Built a **Jenkins-driven CI/CD** pipeline for **Docker**-based services on **AWS**, enabling consistent deployments.

Education

University of New South Wales – Master of Information Technology — Sydney, Australia
WAM 82.4/100, Excellence Honours — Sep 2023 - Jun 2025

Jiangsu University of Science and Technology – Bachelor of Engineering — Jiangsu, China
Sep 2016 - Jun 2020

Skills

Frontend: React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3
Backend & Scripting: Java (8+), Spring Boot, Python, Bash
Data & Integration: SQL (RDBMS), REST APIs, Kafka (streaming concepts)
Cloud & Platforms: AWS, Linux; cloud-native application design
DevOps & CI/CD: Jenkins, GitHub Actions, automated builds and deployments
Containers & IaC: Docker, Kubernetes; exposure to Terraform