

Eddy ZHANG

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Summary

Skilled **Software Engineer** with **3+ years of full-time industry experience**. Seeking a **Backend or Full-Stack Developer** role to contribute to building scalable systems and delivering high-quality solutions. Passionate about **team collaboration**, **problem-solving**, and driving **continuous improvement** within Agile environments.

Professional Experience

Shanghai Newtouch Software Co., Ltd.

Shanghai, China

Backend Developer

Aug 2022 - Aug 2023

- Cut **customer-facing errors 20%** with basic **input validation**, **duplicate-request** guards, and clearer messages; saved **2h/week** of engineer time; shipped **15+ Java/Spring Boot REST APIs** in a **20-person Agile** team.
- Delivered a **socket-based Java NIO** file-transfer tool for loading/unloading data, with header-based identity checks and **role/department** permissions; saved **6–8h/month per squad**; core tool for **7+ squads (40+ engineers)**.
- Improved p95 query time by **35–40% (900→550 ms)** by adding the right **indexes** to new tables and automating weekly **Oracle stored procedure**–based **sharding** once data passed **10M+** rows.
- Moved the file-transfer tool to **MinIO** cloud object storage with chunked, checksum-verified direct uploads and deployed via **Docker** on **Linux**; delivered **90%** fewer re-sends, **25–30%** faster transfers, and **70%** quicker rollouts.

ZHONGGE Network Co., Ltd.

Suzhou, China

Software Engineer

Jun 2020 - Jul 2022

- Delivered **35+ Java/Spring Boot REST** endpoints (CRUD) with front-end integrations; added clear **Swagger** examples and shared **Postman** test collections, cutting integration issues by **15%**.
- Worked with **QA** to turn requirements into clear checklists and simple test cases; added input checks and example payloads. Cut bug fix time by **25%** (e.g., 2 days → 1.5 days) and raised first-pass acceptance by **10–12 pts**.
- Kept **MySQL** APIs stable at peak by adding **pagination**, simple **filters**, and basic **indexes** on hot fields; heavy queries/timeouts dropped; handled **10–15%** more peak traffic.

Projects

Personal Portfolio Website

Oct 2025

- Personal portfolio built with **Next.js + React (JavaScript)**, styled with **Tailwind CSS** and animated with **GSAP**; responsive & accessible; deployed on **Vercel** with **CI/CD** (auto builds & preview deploys).

Capstone — Scalable Competition Platform

Apr 2025

Source code | Runner-up, Coding Fest 2025

- Designed **7+ Spring Cloud** microservices with **OpenFeign/Nacos**; added **OAuth + JWT SSO** at the gateway, **MinIO** for file storage, and **RabbitMQ** for background jobs — simpler login, safer data separation, smoother peak traffic.
- Set up **CI/CD with Jenkins + Docker Compose**: built immutable images and one-command environments; **80% faster** setup and **95%+** env consistency, enabling quick, repeatable deploys for the whole stack.

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

Languages: Java, JavaScript, TypeScript, Python, C# (.NET), SQL, Bash

Back-end: Spring Boot, RESTful APIs, JUnit, OAuth/JWT, RabbitMQ, MinIO, Middleware

Front-end: React, Redux, Tailwind CSS, GSAP, HTML5, CSS3, Responsive Design, Vite, Framer Motion

DevOps/Cloud: Docker, Jenkins (CI/CD), Maven, Git, Vercel, AWS

Databases/ORM/Cache: MySQL, PostgreSQL, Oracle, Redis, Prisma

Collaboration/Testing: Jira, Confluence, Postman, Swagger, Agile/Scrum