

Eddy ZHANG

Full-Stack Developer | Sydney, NSW | eddy.zhang24@gmail.com | +61 468 761 056

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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

- Developed scalable banking services using **Java**, **Spring Boot**, and **RESTful APIs** in a **20-person Agile team**.
- Built a **socket-based file transfer tool**, streamlining delivery workflows and reducing manual effort by **20%**.
- Collaborated with QA to test and debug backend APIs using **Swagger** and **JUnit**, improving system reliability.
- In an **Agile** setting, proficiently used **Git** for version control, including feature branching and code integration.
- Wrote **Oracle stored procedures** to perform weekly table sharding in production when data volume exceeded **10 million records**, reducing query latency from **900 ms to 550 ms** for recent data scans and improving performance by **40%** through smaller scan ranges.
- Migrated services from physical servers to a **cloud-native architecture**, using **Docker Compose** to automate deployments and **MinIO** to offload large file storage from the database, reducing deployment time by **30%**.

ZHONGGE Network Co., Ltd.

Suzhou, China

Software Engineer

Jun 2020 - Jul 2022

- Designed and implemented scalable **CRUD** operations, improving system reliability and maintainability.
- Collaborated in **cross-functional Agile teams** to refine business requirements and implement API design best practices that enhanced maintainability and scalability.

Education

The University of New South Wales

Master of Information Technology

Sydney, Australia

Sep 2023 – Jun 2025

- WAM: 82.4/100 | Awarded with **Excellence Honours**

Jiangsu University of Science and Technology

Bachelor of Engineering

Jiangsu, China


Sep 2016 – Jun 2020

Projects

Personal Portfolio Website

Oct 2025

- Designed and developed a fully interactive **personal portfolio website** from scratch to showcase projects and technical expertise, demonstrating end-to-end front-end development and deployment skills.
- Built immersive 3D and motion experiences using **React**, **Three.js**, **GSAP**, and **Tailwind CSS**, achieving **100% cross-device compatibility** and maintaining **90 FPS animation performance**.
- Integrated **EmailJS** for automated contact messaging with dynamic templates, achieving **instant response delivery (<1s latency)** and improving recruiter engagement efficiency.
- Deployed on **Vercel** with automated CI/CD, bundle optimization, and lazy loading, achieving a **99%+ Lighthouse score** and reducing page load time by **35%**.
- Demonstrated advanced proficiency in **front-end architecture**, **JavaScript optimization**, **UI/UX design**, and **DevOps best practices**.

 [Project GitHub Repository](#)

Runner-up, Best Project in AI for Education, Coding Fest 2025

- Built a high-availability competition platform with 7+ **Spring Cloud microservices**, leveraging **OpenFeign** and **Nacos** for service discovery and efficient inter-service communication.
- Delivered **CI/CD automation** using **Jenkins** and **Docker Compose**, achieving **95%+ environment consistency** and reducing deployment time by **80%**.
- Implemented **OAuth login** (GitHub/Google) with **JWT-based SSO**, improving authentication flow and ensuring secure user data separation.
- Integrated **MinIO object storage** and **RabbitMQ messaging**, enabling scalable file management and reliable asynchronous event workflows.
- Enhanced overall **system scalability and security** through fine-grained role control and API optimization across distributed services.

Skills

Core Skills:

- **Programming Languages:** Java, JavaScript, TypeScript, Python, C#(.NET), Shell (Bash), SQL
- **Frameworks and Libraries:** Spring Boot, React, Redux, Tailwind CSS, Three.js, GSAP, JUnit
- **DevOps & Cloud Tools:** Jenkins (CI/CD), Git, Maven, Docker, Vercel, AWS (basic), RabbitMQ, MinIO
- **Databases:** MySQL, PostgreSQL, Oracle, Redis

Complementary Skills:

- **Frontend Development:** HTML5, CSS3, Responsive Design, Vite, Framer Motion
- **API Development and Testing:** RESTful APIs, Postman, Swagger
- **Agile & Collaboration Tools:** Jira, Agile Scrum Workflow, Confluence