

Haimo (Rick) Wei

Sydney | +61 412594788 | weihaimoau@gmail.com | lightspot.uk | linkedin.com/in/haimowei

Summary

Master's student & full-stack developer with four production-grade web platforms deployed to AWS and GCP. Strong in Java/Spring Boot microservices and TypeScript/React—Next.js, designing secure RESTful APIs, event-driven services and WebSocket-based real-time features. Experienced in end-to-end delivery, from relational database design to automated testing, CI/CD pipelines and Docker-based deployments on cloud servers — and collaborating in small agile teams with Jira and GitHub.

Skills

- Languages: **Java, TypeScript/JavaScript, Python, SQL**
- Backend: **Spring Boot 3, Spring Security, Spring Cloud, WebSocket, Django, Node.js/Express**
- Frontend: **React, Next.js, Vite, Tailwind CSS, HTML5, CSS3**
- DB & Cache: **PostgreSQL, MongoDB, Redis (cache & pub/sub), Flyway**
- DevOps: **AWS (EC2, S3, ECR), GCP, Docker, GitHub Actions (CI/CD), Nginx, Linux, Cloudflare**
- Tools & Test: **JUnit 5, JaCoCo, Postman, Git/GitHub, Jira, Agile/Scrum**
- Architecture: **Microservices architecture, domain-driven layered design (DDD-lite), FSD frontend**

Projects

KoalaSwap (Personal Project)	Role: Full Stack Developer & OpsDev
Description: KoalaSwap is a full-featured second-hand marketplace with complete transaction workflows. Production-ready with 7 microservices, real-time WebSocket chat and 799+ seeded products.	
Tech: Java 21, Spring Boot 3.3, React, Vite, PostgreSQL, Redis, Docker, CI/CD, AWS (EC2, S3, ECR)	
Live: https://koalaswap.lightspot.uk	GitHub: https://github.com/HaimoWei/koalaswap

ShopTheLook / StyleShare (Team Project)	Role: Full Stack Developer / Team Leader
Description: ShopTheLook is a social commerce platform where users discover fashion inspiration and instantly purchase featured items — like Instagram meets e-commerce . Full-featured platform with 8 microservices, 3-tier RBAC (Root/Seller/User) and 85%+ backend test coverage.	
Tech: Java 21, Spring Boot 3.2, React, Next.js, PostgreSQL, Redis, Docker, Jira, GCP	
Live: https://styleshare.lightspot.uk (/admin)	GitHub: https://github.com/HaimoWei/style-share

AI Menu System (Team Project)	Role: Full Stack Developer / Team Leader
Description: AI Menu System is a full-stack restaurant ordering platform that enhances the traditional ordering workflow with an AI-powered assistant — think of it as having a smart waiter .	
Tech: Python 3.11, Django, React, Next.js, Docker, PostgreSQL, WebSocket, OpenAI, LangChain, GCP	
Live: https://aimenusempty.lightspot.uk (/admin)	GitHub: https://github.com/HaimoWei/ai-menu-system

Education

Jul 2024 – Jul 2026 (Expected)

Master of Computer Science (SE) — University of Sydney