

Eiji Mitsumizo

Software Engineer (Full Stack & AI)

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Professional Summary

Software Engineer with 4+ years of backend experience and hands-on full-stack delivery. Specialized in AI agent development using LangGraph/RAG—built AI Tutor serving 50,000 users, awarded Google Gen AI Innovation Grand Prize. Led 0-to-1 development of online learning platform (Next.js × Java × Python), scaling team to 25 and achieving profitability within 3 months (€1M+ projected annual profit). Eager to build impactful products in international environments.

Technical Skills

Backend Java (4 yrs), Kotlin (learning), Python, Spring Boot, FastAPI, SQL, Redis
AI LangChain, LangGraph, RAG, OpenAI API, Claude Code, Cursor
Cloud Azure (Functions, CosmosDB), AWS, Docker, GitHub Actions, Terraform
Frontend TypeScript, Next.js, React

Professional Experience

Benesse Corporation — Tokyo, Japan

Apr 2025 – Technical Lead, AI Agent Development

- Present ○ Built AI Tutor prototype (LangGraph/Azure) reaching 50,000 users; awarded Google Gen AI Innovation Grand Prize.
- Designed unified AI infrastructure serving multiple services, reducing cloud costs by 40%.
- Led AI literacy initiatives, improving non-engineering productivity by 20%.

Apr 2024 – Technical Lead, "Shinkenzeremi √Route"

- Mar 2025 ○ Architected system (Next.js × Java × Python); optimized API performance by 83% (300ms→50ms).
- Managed team of 25, achieving profitability within 3 months of launch (€1M+ projected annual profit).
- Awarded Bronze at 6th AES GLOBAL AWARD.

Apr 2023 – Lead Software Engineer

- Mar 2024 ○ Led legacy migration (PHP→Java) for "Shimajiro Club"; improved review efficiency by 30%.
- Built in-house training program, saving €125K in external training costs.

Apr 2021 – Software Engineer

- Mar 2023 ○ Achieved 30x API response improvement for platform (1M+ daily requests) via Redis caching.

Education

Specialized in cryptography. Coursework included Computer Science at both Yamaguchi and University of Oklahoma, USA (1-year exchange).

Languages

Japanese (Native), English (Business – TOEIC 865)