

Jinyoung Park

AI Product Engineer

PROFESSIONAL SUMMARY

AI Product Engineer with over 10 years of back-end engineering experience, orchestrating AI agents to lead the entire product lifecycle, from customer problem definition and planning through architecture, front-end and back-end development, QA, and deployment. After recognizing that optimizing back-end implementation alone was not enough to materially accelerate product releases or increase customer impact, I expanded my scope into full-stack delivery with AI. I now operate a document-driven AI-agent workflow centered on problem definition and design, while continuing to develop a production delivery model in which one person owns the outcome of the entire product.

SELECTED CAREER EVIDENCE

End-to-End Product Ownership

- Led the entire product lifecycle, from identifying customer problems and defining the solution direction through PRD, UX, architecture, front-end and back-end development, QA, and deployment
- Worked across PM, full-stack engineering, and selected QA responsibilities, launching three production projects while progressively expanding project scope

Delivery Method & Productivity

- Designed and operated a document-driven product delivery workflow linking PRD and Architecture artifacts to Epic and Story breakdown, implementation, code review, and test design
- Produced design and planning documents during working hours; Ralph Loop implemented the documented solution off-hours, followed by human review and refinement the next morning, reducing work that previously took about one week to a one-day cycle

AI Agent System Design

- Designed, built, and operated jira-autopilot, using Jira as the control plane for AI agents and automating ticket discovery, context collection, module selection, code changes, build validation, commits, PR creation, and result logging
- Over roughly three months, ran about 470 executions, generated 313 PRs, and achieved a 90.7% code-change success rate (351/387, excluding cancellations); enforced one ticket = one container = one branch = one PR isolation and required human final review with no auto-merge

EDUCATION

Bachelor's Degree in Management Information Systems

Kookmin University

Mar 2008 - Feb 2014

LANGUAGES

Korean - Native

English - Basic workplace conversation and written communication

EXPERIENCE

AI Product Engineer

Sep 2025 - Present

Swingvy - HR SaaS Platform

- Performed PM, full-stack engineering, and selected QA responsibilities, leading the product lifecycle from customer problem identification and solution definition through PRD, UX, architecture, front-end and back-end development, testing, and deployment; launched three projects into production
- Designed, built, and operated jira-autopilot, systematizing an AI development loop from Jira ticket discovery through code changes, build validation, PR creation, and automated review; generated 313 PRs in about three months

Back-end Engineer

Jan 2017 - Aug 2025

Swingvy - HR SaaS Platform

- Built a RAG question-answering system using Google Gemini and GCP to answer questions from Singapore labour law documents
- Contributed across the full development lifecycle of Benefits and developed and operated server APIs for Time & Attendance and Leave, covering back-end engineering for core HR products
- Migrated a single Spring Boot service to a Spring Cloud-based architecture with more than 10 interconnected microservices
- Migrated all of the company's production infrastructure to AWS and continued to operate and maintain it; built and operated Jenkins-based build servers

Back-end Engineer

Feb 2014 - Oct 2016

LINE PLUS

- Developed and operated back-end APIs using Spring Framework, MyBatis, and Redis for LINE Rangers, a mobile game with more than 10 million downloads

Intern

Jun 2013 - Dec 2013

NAVER

SKILLS

Product & AI

Customer Problem Definition & Product Specification · PRD, UX, Architecture, QA & Deployment Workflow · AI Agent Orchestration · Loop Engineering · RAG

Back-end & Data

Java · Kotlin · Python · Spring Framework · Spring Boot · API Design & Development · Distributed Systems & Microservice Architecture · MySQL & MariaDB · Redis

Front-end

TypeScript · React · Next.js · React Native

Cloud & CI/CD

AWS · GCP · Docker · Jenkins · Production Operations