

Hwi Jin Jang

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SUMMARY

Applied AI full-stack engineer with experience building and deploying AI-native platforms, developer tooling, and enterprise AI applications in fast-paced, startup-like environments. Experienced across React, Next.js, backend architecture, and LLM-powered workflows with end-to-end product ownership and frequent production releases.

EXPERIENCES

Optum

AI Full-Stack Engineer

February 2026 - Present | Irvine, CA

- Designed and launched an AI-native operational platform that migrated executive program tracking from spreadsheets into a centralized workflow, reporting, and analytics tooling.
- Architected scalable backend services and database schemas supporting structured operational data, document storage, workflow management, and executive reporting.
- Implemented LLM-powered reporting, semantic search, and natural language querying over enterprise program data.
- Developed executive-facing dashboards and operational interfaces for KPI monitoring and organizational insights.
- Delivered a high-visibility enterprise platform adopted across executive leadership, including C-suite stakeholders and healthcare program directors.

Associate AI Full-Stack Engineer

July 2023 - February 2026 | Irvine, CA

- Led development of Sage AI, a full-stack multi-tenant AI agent platform enabling users to create, configure, and deploy LLM-powered agents through scalable APIs and intuitive workflow-driven interfaces.
- Owned core frontend architecture and UI/UX implementation, building reusable interfaces, agent configuration workflows, and schema-driven experiences for large-scale multi-tenant usage.
- Built and launched a large-scale AI workflow platform with full-stack architecture, enabling product and engineering teams to generate and manage 125,000+ AI-assisted user stories and 52,000+ engineering tickets.
- Engineered a full-stack LLM application that generates structured architecture diagrams from natural language input that utilizes draw.io, streamlining engineering design workflows and reducing planning time by 61%.
- Designed and launched a full-stack AI testing platform that automates Playwright test generation and deployment via GitHub workflows, improving developer productivity across 400+ users.

PROJECTS

Aethos

Feb 2026 - Present

- Building a creator-focused fitness platform where coaches publish premium video content, manage subscription communities, and deliver structured training programs to athletes.
- Designed and implemented full-stack creator and athlete experiences, including role-based access, public creator profiles, studio tooling, and protected media delivery.
- Architected backend workflows for workout composition, multi-day routine planning, creator-owned video libraries, and subscription-based content access.
- Integrated monetization infrastructure for creator subscriptions, platform fees, payout workflows, and earnings tracking using Stripe.
- Developed scalable content management and media delivery systems using Supabase and Mux.

EDUCATION

Grinnell College, Grinnell, IA

Bachelor of Arts, Computer Science

SKILLS

Languages: Python, TypeScript/JavaScript, Java, Kotlin, SQL

Frontend/Backend: React, Next.js, Spring Boot, FastAPI, GraphQL, AWS, Azure, PostgreSQL

AI & Tooling: OpenAI APIs, RAG Pipelines, Multi-Agent Systems, GitHub APIs, Codex, Claude Code