

Justin Cho

Software Engineer · Startup Co-Founder

Seoul, South Korea | jcmaker0627@gmail.com | github.com/jcmaker | linkedin.com/in/justin-cho | justincho.dev

SUMMARY

Full-stack software engineer and startup co-founder. I ship fast, prove with live links, and measure by what changed — not what was built. I work end-to-end across AI/LLM product engineering, real-time web apps, mobile, and embedded systems, and I'm drawn to the everyday friction people tolerate — then I build to remove it.

EXPERIENCE

Quest-On — Co-Founder, CTO & Lead Engineer

Seoul, Korea · Aug 2025 – Present

- Spearheaded the technical delivery of a full-stack AI assessment SaaS, securing 2 confirmed academic pilot clients and launching a production-ready MVP within 3 months.
- Architected a 4-stage LLM orchestration engine to evaluate complex reasoning in real time; transitioned the system from a GPT-based demo to scalable production infrastructure leveraging LangChain.
- Executed live AI-powered exams for academic institutions with zero-downtime operations, reducing grading workload by ~80% (10 hrs → 2 hrs) through automated rubric-based scoring.

SELECTED PROJECTS

GTEC Board — Real-time, multi-tenant AI issue tracker (Linear-style). Next.js, Convex (real-time sync + live presence), Clerk (auth + billing), Vercel AI SDK (org-scoped AI agent), Tailwind, PWA. Cmd+K command palette, drag-and-drop kanban, cycles. gtec-board.org · github.com/jcmaker/GtecBoard

Quest-On — AI interactive exam platform. Next.js, Supabase (Postgres + Auth/RLS), LangChain.

3D Printer Management System — Campus-wide operations tool used by ~400 students/semester. React, Next.js, real-time monitoring + queue + professor dashboard. design3dprinter.vercel.app · github.com/jcmaker/design3dprinter

Persona Engine — Dockerized full-stack AI persona engine. FastAPI + PostgreSQL + React/Three.js (3D) + nginx, orchestrated via Docker Compose. github.com/jcmaker/persona-engine

prd-maker — Open-source PRD generator for AI coding agents. Guides the user through a step-by-step interview and produces an executable PRD.md, adapting question depth to the user's experience level. Claude Code Plugin, Codex Plugin, Agent Skills, Python, Markdown. github.com/jcmaker/prd-maker

ESP8266 Motor Web Control — IoT firmware (C++) that serves a web UI to drive DC motors via PWM over a device-hosted Wi-Fi access point. github.com/jcmaker/esp8266-ap-dc-motor-web-control

SKILLS

Languages	TypeScript, JavaScript, Python, Java, C/C++, SQL
Frontend	Next.js, React, React Native/Expo, TailwindCSS, shadcn/ui, Three.js
Backend/Data	Supabase, PostgreSQL, Convex, Prisma, FastAPI, Node.js
AI/LLM	OpenAI API, LangChain, Vercel AI SDK
AI Dev Tools	Claude Code (agentic AI-assisted development)
Infra/Tools	Docker, Vercel, Git, Biome

AWARDS

- **2026** Grand Prize, AI-based Gyeonggi Local Creator Startup Competition
- **2026** Top 12 Finalist, '2026 Startup Level Up Project' — KTVF
- **2025** Final Round, SNAAC (Seoul National University Accelerator)
- **2025** Final Round, Startup Express (Korea University)
- **2019** 1st Place, Web Service Development Competition — KoreaIT Academy