Nguyen Ngoc Son

AI Product Builder

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SUMMARY

Product builder with nearly four years of full-stack and AI engineering across three companies, from an LMS and a retail POS to agentic RAG systems. Since August 2026 I build and run my own products end to end with AI coding agents: a live commerce system that handles real customers' payments, an EdTech platform shipped 160 times in 33 days, and a legal RAG app with clause-level citations. Claude Code writes most of my code; I own what ships, behind 6,800+ tests and review gates I designed.

EXPERIENCE

Founder and sole engineer · Independent products · lockcat.vn · unithink.vn · antlia.unithink.vn — Aug 2026 – Present

Next.js · React Native · FastAPI · Rust (axum) · PostgreSQL · Qdrant · Docker · Cloudflare · GitHub Actions · Claude Code

- **Tiệm Pate Nhỏ** (live commerce, real money): storefront, owner console, staff app, payments and shipping on one API. Reconciled November cash-on-delivery against the carrier's report to a zero difference through a double-entry ledger behind every order.
- Kept AI-written code safe to ship with 6,800+ automated tests, a reviewer subagent tuned for money bugs (it caught an open-redirect hole before release) and approved plans for every change to money, database or auth; autoheal, encrypted backups and CI/CD on a 1 GB VM.
- **Unithink** (EdTech): grounded in 28 research reports and a North Star metric, shipped 160 releases in 33 days across five clients; cut backend idle memory from a 480 MB ceiling to about 23 MiB by porting Python to Rust behind the same API.
- **Antlia** (legal AI): answers with clause-level citations through hybrid retrieval (vector, BM25, clause lookup), a judging step and recall evals on every retrieval change.
- **Open source**: UniFigma, an MCP server that lets several agents work inside Figma with exactly-once writes; easy2production, agent skills that take an idea through spec, build, test and deploy.

AI Engineer · ACT Group · Hanoi — Mar 2025 – May 2026

Python · FastAPI · Neo4j · Chroma · MCP · Langfuse · React · NestJS · Docker

- Built an agentic proposal-appraisal system that checks business proposals against company regulations: planning, tool calls and self-verification over hybrid RAG (Neo4j graph traversal plus Chroma vector search, with reranking).
- Built an LLM pipeline that turns raw teaching material into interactive H5P lessons; gave agents safe access to internal data through MCP tools; traced and scored runs with Langfuse and LLM-as-a-judge.

Fullstack Developer · Optimi AI · Hanoi — Aug 2023 – Feb 2025

React · Next.js · NestJS · PostgreSQL · Redis · OpenAI API

- Built frontend and backend features for a retail POS and e-commerce platform, including checkout, payments and bulk inventory updates.
- Built dashboard components and execution services for a workflow-based app builder with LLM steps for text processing and categorisation.

Fullstack Developer · EBD · Hanoi — Jul 2022 – Aug 2023

- Built student-facing screens and REST APIs for a learning management system (React, Node.js / Express, PostgreSQL).

SKILLS

AI and agents: Claude Code, subagents and skills, MCP, RAG (vector, graph, hybrid), evals, Langfuse

Engineering: TypeScript, React, Next.js, React Native, Flutter, Python, FastAPI, NestJS, Rust, PostgreSQL, Redis, Neo4j

Product: user interviews, Lean Canvas, North Star metric, RICE, decision records, Figma

Delivery: Docker, GitHub Actions, Cloudflare, Vercel, Oracle Cloud, monitoring and alerting

AWARDS AND EDUCATION

VAIC 2026 · Top 15 nationwide, team of two — Jul 2026

Hanoi University of Pharmacy · Pharmacy · moved into software, self-taught since 2021 — 2019 – 2024

Coursera, Aug 2026: IBM RAG and Agentic AI · Vanderbilt AI Agent Developer · IBM Building AI Agents and Agentic Workflows