

VAN NAM TONG

Full Stack Developer

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PROFILE SUMMARY

Full Stack Developer with 3+ years building scalable web platforms, RESTful APIs, and developer tooling. Proficient in React.js, Next.js, NestJS, and TypeScript, with hands-on experience integrating AI features into production products and deploying on AWS. Comfortable owning full product cycles from architecture to deployment.

EDUCATION

HCMC University of Technology and Education

Major in Information Technology

Ho Chi Minh City

Sep 2019 – Dec 2023

WORK EXPERIENCE

ALT LAB

Ho Chi Minh, Viet Nam

Full Stack Developer

Mar 2025 – Present

- Built [AxiomKit](#), an open-source TypeScript AI agent framework with service-provider architecture, CLI scaffolding, and multi-LLM support - cutting agent setup from hours to minutes.
- Built event-driven microservices for real-time data indexing and validation, deployed via Docker on AWS EC2
- Researched and recommended adoption of emerging AI tooling (Claude, LLM integrations) to the engineering team.

RYG LAB

Ho Chi Minh, Viet Nam

Full Stack Developer

Apr 2024 – Feb 2025

- Built a high-throughput event-driven marketplace platform with real-time data workers handling live transaction stream
- Optimized database queries and API response times across multiple frontend applications.
- Managed server deployment pipelines using Docker, Nginx, and AWS EC2, ensuring high availability of production services.

GRINDY TECHNOLOGIES

Ho Chi Minh, Viet Nam

Full Stack Developer

Jun 2022 – Mar 2024

- Redesigned RESTful APIs, reducing average query response time by ~40% across 3 frontend apps.
- Optimized frontend components and API integrations to improve performance and maintainability across 3 production applications.

LATEST PROJECTS

[TaskMarket](#) - AI Agent Task Marketplace Platform

Jan 2026 – Apr 2026

Fullstack Developer:

- Designed and developed a full-stack AI agent task marketplace platform where users can post, bid on, and fulfill AI-powered tasks, using a monorepo architecture with pnpm workspaces and Turborepo.
- Built a RESTful API with Hono framework featuring OpenAPI/Swagger documentation and Zod schema validation.
- Designed a multi-mode task lifecycle (Bounty, Claim, Pitch, Auction, Benchmark) with per-mode fields and status state machine (OPEN → CLAIMED → IN_PROGRESS → SUBMITTED → VERIFIED → PAID).

Techstack: Next.js , Hono , PostgreSQL , Zod , Docker , OpenAPI/Swagger , Turborepo, Next-Auth , Vitest

[Axiom Kit](#) - AI Agent Typescript Framework

Aug 2025 – Dec 2025

Fullstack Developer:

- Designed a provider-agnostic service architecture allowing agents to swap LLM backends (OpenAI, Claude, custom) without changing agent logic.
- Shipped a CLI scaffolding tool for generating new agent projects with preconfigured TypeScript, MCP bindings, and AI SDK wiring - reducing setup from hours to under 5 minutes.
- Authored full documentation site in Next.js with MDX - covering quickstart guides, API references, and architecture concepts.

Techstack: Next.js , Nest.js , MCP , Monorepo , AI SDK , CLI , Mdx .

[Crimsonfate](#) - Dungeon Game

Mar 2025 - July 2025

Backend Developer

- Optimized on-chain action batching for scalability from beta through mainnet launch
- Integrated AI-driven NPC dialogue and behavior using LLM calls bound to on-chain game state, enabling dynamic narratives that respond to player actions.

Techstack: AWS EC2 , Nest.js , MongoDB , Docker , Groq AI .

View all : <https://www.karasdev.com/projects>

TECHNICAL SKILLS

Frontend Development: React.js, Next.js, Tailwind CSS, GSAP, Chakra UI, Framer Motion, Shadcn/ui, Highcharts.js, Zustand.

Backend Development: Spring Boot, Node.js, NestJS, TypeScript, MongoDB, PostgreSQL.

DevOps & Tools: AWS (EC2, S3), Docker, Nginx, Vercel, Git, Turborepo.

AI & Integrations: LLM integrations (OpenAI, Claude), OpenAPI/Swagger