

Vo Tu Trinh

Full-Stack Software Engineer

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📍 Ho Chi Minh City, Vietnam

Professional Summary

Full-Stack Engineer with 3+ years of experience building production-grade applications across frontend and backend. Experienced working directly with clients to translate requirements into system architecture and implementation. Hands-on experience integrating AI/LLM capabilities into production systems.

Technical Skills

Frontend	React, Next.js, Remix, Vite, Tailwind CSS
Backend	Node.js, NestJS, Python, FastAPI, Java Spring Boot
Databases	PostgreSQL, MongoDB, Supabase, Qdrant
AI/LLM	OpenAI, Gemini, Anthropic, LlamaIndex, RAG, GraphRAG, Agents, LLM Workflow Orchestration
Mobile	React Native, Flutter
Cloud/DevOps	GCP, Azure, Docker, GitHub Actions, Vercel

Professional Experience

Full-Stack Engineer

Aug 2024 – Present

Kite Metric JSC

Ho Chi Minh City, Vietnam

- Served as a core engineer across concurrent AI/LLM, fintech, and enterprise client engagements, each owned from architecture through implementation.
- Worked directly with clients to gather requirements, propose technical solutions, and design system architecture aligned with business needs.

AI Matching Businesses — OpenAI, Python, PostgreSQL

- Designed and implemented an AI-powered business matching pipeline that transforms heterogeneous business data into structured representations for semantic matching and recommendation.
- Combined LLM-based understanding, retrieval, scoring, and data enrichment to improve matching quality, traceability, and explainability.

Car Care System — React, NestJS, Tailwind CSS, Supabase

- Engineered a cross-platform booking and garage-management platform covering customer, merchant, staff, and admin workflows.
- Designed UI/UX flows, database schema, and backend architecture, delivering frontend and backend modules that streamlined garage operations.

Audit-Grade AI — OpenAI, Gemini, LlamaIndex, Unsloth, FastAPI, PostgreSQL, Kubernetes, GCP, Azure

- Developed data transformation and dataset-generation pipelines for LLM consumption and Small Language Model fine-tuning.
- Engineered marketplace, training, certification, and model-management modules while contributing to local/self-hosted SLM, fine-tuning, and GraphRAG workflows.

AI Interview Agent System — OpenAI, Gemini, n8n, Vapi, React, Next.js, Tailwind CSS, Vercel, Supabase

- Delivered an AI voice interview platform covering interview orchestration, LLM-based evaluation, and structured employer reports.
- Redesigned long-running LLM workflows using asynchronous execution in n8n to resolve webhook timeout issues and improve workflow reliability.

Full-Stack Engineer

Apr 2023 – Aug 2024

LEAP LLC

Ho Chi Minh City, Vietnam

- Built digital transformation and B2B/B2C booking platforms for multiple clients, replacing manual workflows with web-based systems.
- Developed search, booking, ticketing, and seller-management modules using Angular, Java Spring Boot, Docker, and PostgreSQL.

Education

University of Science – Vietnam National University, Ho Chi Minh City

Vietnam

Bachelor in Information Technology

Overall GPA: 3.6/4.0

Honors & Awards

- Ranked 1st, Faculty of Information Technology, K20 Cohort 2020
- Binh Dinh Fellowship Scholarship Awardee 2022