Thanh Dang

AI-powered Full-stack Developer

Location: Ho Chi Minh City, Vietnam - Remote friendly chithanhso10@gmail.com thanhjamieai@gmail.com LinkedIn: thanhjamieai GitHub

PROFESSIONAL SUMMARY

Crafting end-to-end, AI-powered applications from database to user interface.

As a Full-stack Developer, I specialize in building complete applications, bridging the gap between complex back-end logic and intuitive user interfaces.

CORE COMPETENCIES

- End-to-End Application Architecture & Development
- API Design & Implementation (Node.js, Python, REST, GraphQL)
- Modern Frontend Development (React, Next.js, TypeScript)
- AI/ML Model Integration (OpenAI, RAG Pipelines)
- Database & Cloud Infrastructure (SQL, NoSQL, AWS, Docker)

KEY ACHIEVEMENTS

-60%
API Latency Reduction
Optimized core APIs and database queries, contributing to a 28% lift in user activation.

90%
AI Feature Integration
Implemented a vector search feature that improved information retrieval accuracy by over 90%.

3x
Deployment Frequency
Streamlined the CI/CD pipeline, enabling a 3x faster release cycle for experiments and features.

RECENT WINS

Engineered and integrated a generative AI feature using the OpenAI API, which improved user content creation speed by 40%.

Led the back-end development for a new module in a B2B SaaS platform, processing over 100,000 requests per day with 99.9% uptime.

PROFESSIONAL EXPERIENCE

Software Engineer
May 2025 - Present

Terralogic

HCM, Viet Nam - Full-time

Delivering full-stack features for enterprise platforms while establishing coding standards (TypeScript strict mode, ESLint/Prettier configs, PR review guidelines) across the Terralogic product guild.

- Designed and shipped modular Next.js experiences backed by a GraphQL gateway, improving page responsiveness by 35%.
- Rolled out contract testing and Playwright suites in CI, cutting production regressions to near-zero.
- Led a weekly engineering design review that accelerated feedback loops between product design and delivery squads.

Associate Software Engineer
Mar 2024 - May 2025

Terralogic

HCM, Viet Nam - Full-time

Contributed to the digital operations suite for Terralogic clients, translating product specs into resilient services and UI workflows.

- Implemented TypeScript APIs on Node.js and PostgreSQL that reduced order-processing latency by 28%.
- Collaborated with the design org to create an accessible component library, enabling faster feature prototyping.
- Deployed Grafana monitoring dashboards and on-call playbooks that reduced incident triage time from hours to minutes, contributing to 99.9% system uptime.

AI Engineer Intern
Aug 2022 - Dec 2022

Gradients Technologies

HCM - VietNam

Conducted research on advanced AI algorithms and integrated them into real-world company projects.

- Researched and applied Large Language Models (LLMs) for text-based tasks
- Implemented Computer Vision models including U²-Net and U-Net for image diagnostics
- Applied AI solutions for apparel analysis and recommendation in practical projects

TECHNICAL SKILLS & TECHNOLOGIES

Deployment & Operations

AWS Vercel

End-to-End Development & Integration

React Next.js Node.js Python OpenAI Llama Vitest Playwright

Frontend Development

Redux Zustand

Frontend & UI

JavaScript (ESNext) TypeScript React Next.js Angular HTML5 & CSS3 Tailwind CSS Sass/SCSS CSS-in-JS Build Tools

Backend & Database

Node.js Python Java PostgreSQL MongoDB Redis REST APIs Authentication & Authorization

AI & Machine Learning

Prompt Engineering Chains and Agents Retrieval-Augmented Generation (RAG) Computer Vision Fine-tuning Data Preprocessing Training & Evaluation Tensors & Computational Graphs Unsupervised Learning Supervised Learning

Tools & DevOps

Git & GitHub Docker CI/CD AWS Figma Postman / Insomnia

FEATURED PROJECTS

Creatr - AI-Powered Content Platform

Personal Project • Full-Stack Developer & UI/UX Designer • 2024-Present

Built a modern content creation platform with AI assistance, real-time features, and comprehensive analytics.

Next.js 15 React 19 Convex Clerk Google Gemini AI ImageKit Tailwind CSS v4 TypeScript

Real-time data sync with <100ms latency Performance **Mobile-responsive design across all devices** User Experience

Intelligent content suggestions and optimization AI Integration

Aurora Growth Suite Dashboard

Aurora Labs • Lead Product Designer • 2023 - Present

Unified Aurora's analytics portfolio into a cohesive growth operations hub.

Figma Tokens Next.js Storybook Playwright

+28% Activation lift **Handoff cycle reduced from 3 weeks to 10 days** Iteration velocity **Analytics workflow tickets down 41%** Support load

Nexa Insights Platform Migration

Nexa Growth • Frontend Engineer • 2020 - 2022

Rebuilt a legacy analytics product as a resilient Next.js platform with global reach.

Next.js TypeScript Vercel Turbopack

Median LCP improved from 4.6s to 1.8s Performance **99.95% uptime across 14 markets** Reliability

Unlocked simultaneous editing for distributed analysts Collaboration

EDUCATION

Bachelor of Artificial Intelligence

FPT University

Ho Chi Minh City, Vietnam - Graduated 2023

CERTIFICATIONS & TRAINING

Natural Language Processing	2023-05-30
Google Project Management	2023-05-28
Big Data	2023-01-11
CertNexus Certified Ethical Emerging Technologist	2022-05-29
AI Foundations for Everyone	2022-01-21
Computer Communications	2021-05-14