DANG VAN TIEN DAT

Full-stack Developer

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OBJECTIVE

- Full-stack Developer with 5 years of experience building scalable web applications using React, Next.js, Angular, TypeScript, and Node.js/NestJS
- Experienced across **EdTech, E-commerce, and Enterprise Solutions**, delivering solutions aligned with business needs
- Collaborated with international and cross-functional teams in **Agile/Scrum environments**, participating in sprint planning, daily stand-ups, and code reviews
- Involved in the **end-to-end software development lifecycle (SDLC)**, from requirement analysis and technical design to development, testing, deployment, and maintenance
- Delivered measurable impact, supporting **12,000+ students**, increasing user engagement by **20%**, and saving **35 working hours per month**
- Expanding expertise in **AI Engineering, including LLMs, RAG**, and **AI Agents**
- Working toward technical leadership, with a focus on mentoring engineers and making sound technical decisions

SKILLS

Languages	TypeScript, JavaScript, SQL, HTML, CSS
Libraries & Frameworks	React, Next.js (SSR/SSG), Angular, Electron, Node.js, NestJS, TanStack Query, Redux, Zustand, Tailwind CSS, Ant Design, Mantine, Material UI, Framer Motion, MathJax, Jest, React Testing Library, Playwright
API Technologies	RESTful APIs, GraphQL
Databases	PostgreSQL, MySQL, Oracle, Redis, Prisma
AI Engineering	LLM Integration, RAG, Vector Search, AI Agents, AI System Design
Monitoring & Performance	Core Web Vitals, PageSpeed Insights, Sentry, Grafana
DevOps & Tools	Docker, GitHub Actions, Feature Flags, Postman, DBeaver, Figma, OpenAI Codex
CMS & Platforms	Payload CMS, Directus, Vendure, Firebase
Methodologies	Agile, Scrum, Cross-functional Collaboration
English	Professional working proficiency (technical discussions, documentation, team communication)

EDUCATION

FPT University Aug 2016 - Dec 2020

Bachelor's Degree in Software Engineering

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WORK EXPERIENCE

VIETNAM SILICON CO., LTD Mar 2025 - Mar 2026

Frontend Developer

Domain: SEO & Corporate Websites; Government / Agriculture Analytics; AI Proof of Concept
Tech Stack: React, Next.js, TypeScript, TanStack Query, Zustand, Tailwind CSS, Framer Motion, Directus, REST APIs
Description: Developed and maintained web applications, SEO-focused platforms, and internal dashboards, with involvement in backend development and AI integration
Responsibility:

- Owned end-to-end delivery of **SEO-focused corporate websites** for **Vietnam and Thailand**, turning Figma designs into reusable, responsive React/Next.js components through launch
- Optimized performance and SEO quality (Core Web Vitals, structured data) for corporate websites serving **2,000+ monthly active users**
- Mentored junior frontend developers, improving component consistency, interactions, and responsive behavior across desktop and mobile
- Contributed to a **33-member cross-functional project** for **Thailand's Ministry of Agriculture and Cooperatives**, building dashboards, data analysis views, and interactive visualizations
- Built an **AI agent proof of concept** with a chat-based query interface to assess technical feasibility and guide implementation decisions

GENIEBOOK VIETNAM CO., LTD. Aug 2022 - Sep 2024

Frontend Developer

Domain: EdTech; Learning Management Systems (LMS); Interactive Worksheets
Tech Stack: React, TypeScript, TanStack Query, Redux, Zustand, Mantine, Framer Motion, MathJax, REST APIs
Description: Built and enhanced EdTech platforms, focusing on interactive learning experiences, performance optimization, and scalable frontend solutions
Responsibility:

- Developed and maintained React interfaces for admin and student workflows across **LMS modules**, including coursework, user management, and interactive worksheets
- Redesigned responsive user interfaces, contributing to a 20% increase in user engagement
- Collaborated with a **60-member team across Singapore and Indonesia** to ship **10+ LMS features**, contributing to **40% higher** teacher engagement within three months
- Managed server state with TanStack Query and client state with Redux and Zustand; applied memoization and lazy loading to improve performance and maintainability
- Built accessible interactive worksheets following WCAG principles, with MathJax for math rendering. Supported learning products used by **50+ administrators** and **teachers** and **12,000+ students**

FPT SOFTWARE COMPANY LIMITED Jan 2021 - Aug 2022

Frontend Developer

Domain: Enterprise Internal Systems; Product & Order Management; Manufacturing Monitoring
Tech Stack: Angular, Electron, TypeScript
Description: Developed enterprise applications, internal management systems, and dashboards to streamline business operations, automate workflows, and improve productivity
Responsibility:

- Built a machine-monitoring dashboard with clearer operational visualizations, improving issue identification and resolution speed by **25%**
- Built and maintained an internal product management system used by **~500 employees** for daily product and order workflows. Improved order-processing workflows, reducing processing time by 35 hours per month