

# TA VAN THAI

Full-Stack Developer

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## PROFESSIONAL SUMMARY

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A Results-driven Full-Stack Developer with hands-on experience building intuitive, scalable, and high-performance digital products. Adept at transforming complex business requirements into clean, production-ready code that addresses real-world challenges. Demonstrated ability in frontend optimization, robust API development, and agile collaboration, committed to delivering long-term architectural value to professional engineering teams.

## EDUCATION

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**University of Information Technology (UIT), VNU-HCM** Expected Jun 2026

*Major: Information Technology*

*Vietnam National University Ho Chi Minh City*

*GPA: 3.20 / 4.0*

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, Python, SQL

**Frontend:** React, Next.js, Vue.js, React Native, Tailwind CSS

**Backend:** Node.js (NestJS, Express.js), FastAPI, Prisma, WebSocket, BullMQ, Nginx

**Databases:** PostgreSQL, MongoDB, Redis, SQL Server

**Cloud & DevOps:** AWS (S3, EC2), Docker, Git, GitHub Actions

**Others:** REST APIs, LLM Integration, Microservices, Agile/Scrum

**Languages:** English (TOEIC 725) · Japanese (JLPT N3 / NAT-TEST Q3 equivalent)

## PROFESSIONAL EXPERIENCE

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**Full-Stack Developer (Freelance)** Dec 2025 – Jan 2026

*CVYFOOD · Freelance*

*Ho Chi Minh City, Vietnam (Remote)*

- Built a production-ready e-commerce platform leveraging Next.js, NestJS, PostgreSQL, and Docker.
- Engineered secure product management, order processing pipelines, and modular session-based authentication.
- Optimized platform performance and slashed database load by [X%] utilizing server-side Redis caching mechanisms.

**Frontend Developer** Jun 2025 – Dec 2025

*QKIT Software*

*Ho Chi Minh City, Vietnam*

- Developed scalable, type-safe client applications using Next.js, TypeScript, and Tailwind CSS to ensure strict code reliability.

- Transformed complex UI/UX wireframes into pixel-perfect, highly responsive, and user-centric interfaces across device break-points.
- Designed high-fidelity dynamic layouts tailored specifically for location-based delivery and seamless cross-platform rendering.

### **Full-Stack Developer Intern**

Jul 2024 – Sep 2024

*Sun Asterisk Vietnam*

*Ho Chi Minh City, Vietnam*

- Contributed to the Chat One Click R&D project, writing clean modular features with Vue 3, TypeScript, and NestJS.
- Architected an interactive system dashboard designed for real-time prompt optimization and REST API consumption analytics.
- Integrated secure Google OAuth 2.0 flows and modeled high-performance relational database schemas using Prisma and PostgreSQL.
- Collaborated effectively inside an Agile/Scrum framework with 2-week sprints, actively participating in Docker-driven deployments.

## **KEY PROJECTS**

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### **Calento — AI Calendar Assistant**

*Full-Stack Developer*

*Personal Project · Jul 2025 – Dec 2025*

- Developed an AI-powered scheduling assistant leveraging LLM + RAG architectures for conversational natural-language event creation.
- Integrated Google Calendar API to manage multi-tenant real-time event synchronization and state persistence.
- Built an analytical user dashboard displaying customized user productivity metrics and automated behavioral insights.
- **Tech:** Next.js, TypeScript, PostgreSQL, NestJS, Google Calendar API, LangChain, Gemini, RAG, Tailwind CSS, Docker, Nginx, VPS.
- **GitHub:** TDevUIT/Calento

### **PirateSocial — Social Media Platform**

*Full-Stack Developer*

*Team of 3 Members · Sep 2024 – Dec 2024*

- Co-architected a real-time social media platform supporting concurrent messaging, public post aggregation, and dynamic sharing profiles.
- Developed high-throughput NestJS REST APIs optimized via Redis middleware alongside custom-built OAuth2 protocols.
- Implemented instantaneous communication layers using Socket.io and streamlined rich-media file uploads to secure AWS S3 buckets.
- **Tech:** Next.js, NestJS, TypeScript, PostgreSQL, Redis, Tailwind CSS, Docker, Turborepo.
- **GitHub:** TDevUIT/piratesocial-v2