

NGUYEN TAN TAI

FULL-STACK DEVELOPER

Full-stack Developer with 4+ years of experience across **CRM, ERP, E-commerce, EdTech (LMS), and Blockchain** domains. Experienced in architecting scalable backend systems, payment integrations, secure content delivery, and production operations.



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WORK EXPERIENCE

Back-end Developer / Team Lead — Xherozone 06/2024 — present

- Developed and maintained an internal CRM/ERP platform with React and a Node.js/MongoDB monolith.
- Designed and scaled an e-commerce platform with **50,000+ registered users**, optimizing MongoDB schemas and indexes for high-performance queries.
- Built an LMS for **20,000+ learners** across web and mobile, integrating Bunny Stream for video hosting and delivery.
- Implemented payment workflows integrating VNPAY and SePay, including automated invoice generation, processing thousands of successful transactions.
- Set up GitHub Actions CI/CD with automated checks on every pull request and automated deployment to dev and staging.
- Operated production Linux servers with Nginx and PM2.
- Built a real-time Telegram-based alerting system pinpointing failing service, file/line, and error cause instantly — cutting triage from manual log-digging to seconds.
- Led a team of 4 full-stack engineers, planning sprint tasks, reviewing code, and ensuring timely delivery across CRM, ERP, and LMS projects.
- Worked closely with Business Analysts and UI/UX designers to translate business requirements into scalable technical solutions, estimate development effort, and ensure feature delivery aligned with product goals.
- Leverage AI-assisted engineering tools (Codex, Claude Code) to accelerate development, debugging, and code quality.

Full-stack Developer — TD Solutions 01/2023 — 05/2024

- Developed APIs for Social Network Project using Node.js and MongoDB handling user authentication, profile management, and content sharing features.
- Integrated third-party services for in-app messaging, video calls, transactional email, and real-time crypto market data.
- Built blockchain projects using Web3, interacting with Ethereum and smart contract to sign or send transactions securely.

Back-end Developer — Shopdi JSC 06/2022 — 12/2022

- Designed and implemented e-commerce APIs (Hapi.js, MongoDB) covering product browsing, cart, vouchers, and checkout.
- Delivered a React JS Web Admin for managing products, orders, and user accounts.
- Integrated MOMO and VNPAY payment gateways, processing transactions with zero downtime incidents.
- Automated OTP, registration, and order-status notifications via Telegram bot, SendGrid, and FCM.

Front-end Intern — GPT Group 03/2022 — 05/2022

- Developed ReactJS/React Native products, collaborating with BA and backend teams to meet customer requirements.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS	Backend: Node.js, Hapi.js, NestJS, REST API, JWT
Databases: MongoDB, PostgreSQL	DevOps: GitHub Actions, Docker, PM2, Linux, Nginx, CI/CD
Frontend: React, Next.js, React Native, Ant Design	AI Tools: Claude Code, OpenAI Codex

EDUCATION

Thermal-Refrigeration Engineering
Ho Chi Minh University of Technology
2017 — 2022

LANGUAGES

Vietnamese — Native
English — Intermediate (TOEIC 635)

CAREER OBJECTIVES

Continue growing in system architecture and solution design while building scalable products that solve real business problems.