

Nguyen Minh Quan

Fullstack Developer (Node.js)

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Summary

Fullstack developer with over a year of hands-on delivery experience: 8 months as a Frontend Developer Intern at FPT Software (May 2025 - Dec 2025) and 6 months freelance building a custom ERP for Dai Linh Investment & Manufacturing Co., Ltd. (Mar 2026 - Aug 2026), now in daily use at the company (erp.dailinh.com). Able to own a system end to end - gathering requirements directly from business users, designing the data model, building features and adapting them to feedback once live. Completed the B.E. Software Engineering programme at FPT University in August 2026; degree pending. Core stack: JavaScript/TypeScript (Node.js, Express, Angular, React); also Python/Odoo and PostgreSQL.

Skills

- **Core Languages:** JavaScript, TypeScript
- **Backend:** Node.js, Express.js, RESTful API, Socket.io, JWT, OAuth2
- **Frontend:** Angular, ReactJS, Next.js, Tailwind CSS, Ant Design, Bootstrap
- **Databases:** PostgreSQL, MongoDB, MySQL, SQL Server
- **Platforms & Tools:** Odoo 17, Git, GitLab, Figma, Cloudinary, VNPAY, Agile/Scrum
- **Additional Knowledge:** Java, Python

Experience

Fullstack Developer (Freelance) - Dai Linh Investment & Manufacturing Co., Ltd.

Mar 2026 - Aug 2026

Internal company system, in daily use: erp.dailinh.com | Odoo 17, Python, PostgreSQL, OWL, XML

- **Lead developer** of the company's custom ERP on Odoo 17: surveyed the quotation-production process with sales, technical staff and management; designed the data model and built the business modules.
- **Quotation & Bill of Materials (BOM) module:** built the BOM catalogue for fabricated products and generated quotations automatically from it with parametric pricing, plus a multi-level conditional approval workflow with SLA tracking - replacing per-order manual pricing.
- **Warehouse & Purchasing modules:** material inventory, stock in/out, and supplier purchase orders driven by material requirements from the BOM.
- **Partner management module:** shared customer and supplier records used across quotations, purchasing and access control.
- **Reference:** client contact at Dai Linh available upon request.

Frontend Developer Intern - FPT Software (QAI Unit)

May 2025 - Dec 2025

Internal projects - product names and domains withheld under confidentiality.

- Built the QAI unit's **internal news portal** in **Angular**: developed display components, integrated REST APIs, and optimized the responsive layout.
- **Developed and maintained device-management screens** in **ReactJS**; handled forms, API data, and UI/logic bug fixing during operation.
- **Developed management and monitoring screens** for the unit's AI platform in **Angular**; added new features, handled application state, and improved user experience.
- **Redesigned and refactored the UI** of an online guitar-teaching platform (e-learning, music-arrangement sharing) in **Angular**.
- Collaborated with **Backend, BA, and Testers**; took part in code reviews and the team's Agile/Scrum workflow.
- **Reference:** available upon request.

Projects

Restaurant Management System (WDP301)

[GitHub](#)

Node.js, Express.js, MongoDB (Mongoose), Socket.io, JWT, Next.js (React), Ant Design, Tailwind CSS, VNPAY

- Built a **full-stack restaurant management platform**: menu, order, table, and reservation management with role-based access for admin, staff, and customers.

- Developed **REST APIs** with Express and MongoDB; implemented JWT authentication and bcrypt password hashing.
- Integrated **real-time order/table updates** (Socket.io), **online payment** (VNPay), image uploads (Cloudinary), and email notifications (Nodemailer).
- Implemented reporting/export features (Excel/PDF) and a responsive admin dashboard.

Knowledge Review System

[GitHub](#)

Java (JSP, Servlet), MySQL, JavaScript, HTML/CSS, Bootstrap, OAuth2, Ajax

- Built a **learning & knowledge-review platform** using flashcards, question banks, tests, and quizzes, with classroom and user management.
- Integrated **Google OAuth2** for login and token management (configured the OAuth Client ID on Google Cloud Console).
- Implemented **role-based access** for Admin, Training Manager, Teacher, and Student roles.
- Designed the database, ensured data integrity, and built a responsive, mobile-optimized UI.

Education

FPT University - B.E. in Software Engineering
GPA: 3.24/4.0

2022 - Aug 2026 (coursework completed, degree pending)

Luong Van Tuy Gifted High School - Chemistry specialization

2019 - 2022

Chemistry Olympiad - Third Prize at provincial level in grades 9, 11 and 12 (grade 11 competing one year up); First Prize (grade 8) and Second Prize (grade 9) at district level.