

# NGUYEN NHUT MINH

## SOFTWARE ENGINEER

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### Summary

I'm a Software Engineer with 3 years of experience building web applications for real-world business and production environments, including MIS, CRM, CMS, ERP, Recruitment, and Online Booking systems. Skilled in React.js, Next.js, Vue.js, and TypeScript/Javascript, with additional backend experience in Node.js. I focus on developing scalable, high-performance frontend applications with strong attention to UI/UX and am currently expanding toward a Fullstack role with Node.js and Python.

### Education

- **Master of Software Engineering (AI)** – FPT School of Business & Technology Sep 2025 – Now
- **Bachelor of Software Engineering** – FPT University, Ho Chi Minh City Nov 2019 – Dec 2023

### Languages

- **English:** Intermediate level (able to communicate effectively in a work environment) ~ 650 TOEIC

### Awards & Achievements

- **Employee Performance Rating: Good–Very Good** – THACO Group 2025
- **Highest Master's Scholarship** – FPT University 2025
- **Honor Student of the Semester** – FPT University 2021
- **Second Prize – F-Voice Contest** (Drama about Vietnamese history) – FPT University 2020

### Skills

- **Languages:** TypeScript / JavaScript, Python
- **Frontend:** React.js, Next.js, Vue.js, React Native, Redux Toolkit, Zustand, React Query, Tailwind CSS, MUI, Ant Design, FrontEnd Optimization, Mobile-first
- **Backend & APIs:** Node.js, NestJS, FastAPI, RESTful APIs
- **Testing:** Cypress, Storybook
- **Deployment:** Docker, Azure DevOps, VPS, Nginx
- **Databases:** MS SQL, MongoDB
- **Architecture:** Clean Architecture, Micro-Frontend, Microservices

### Experience

#### Software Engineer, THACO Group

*Feb 2025 – Present*

- **Solutions Proposal and Implementation:** Proposed and executed strategic PoC projects to evaluate feasibility:
  - *Automation (n8n & AI):* Built IT ticketing workflows, reducing manual processing time by 80%.
  - *AI Virtual Assistant (Dify.ai):* Fine-tuned internal AI models on private documents, improving accuracy, security, and noise reduction.
  - *Storage & Collaboration:* Integrated Seafile + OnlyOffice to manage large datasets efficiently with optimized cost.
- **Enterprise System Development:** Developed features for large-scale enterprise systems, leveraging Front-end and AI to ensure stability and scalability. Supported the deployment, operation, and continuous enhancement of mission-critical software platforms serving more than **60,000** daily users across **6+** corporations and business units.
- **System Architecture and Team Development:** Collaborated with team leads to design core Front-end architecture, standardized technical documentation, improved team knowledge sharing, and trained new engineers on development environment setup, source code architecture, Git workflows, and development best practices to accelerate onboarding and maintain code quality.

#### Front-End Engineer, Daoukiwoom Innovation

*Feb 2024 – Feb 2025*

- Developed and deployed new features for the recruitment platform using micro-frontend architecture.
- Built and maintained internal management and event systems.
- Contributed product ideas and actively shared knowledge across the team.

## Front-End Developer, FPT Software (Intern)

Sep 2022 – Feb 2023

- Participated in a company project with a Japanese client.
- Learned deployment and software development processes.
- Supported the Tester/QC team in Unit Testing and Integration Testing phases.

## Project Experience

### Office Operations Management System - THACO Group

Feb 2026 – Present

- **Position:** Software Engineer
- **Tech Stack:** Node.js (Express), Typescript, React.js/Vite.js, Tailwind CSS, Ant Design, MUI, Redux, Redux Toolkit
- **Team size:** 6 members
- Developed meeting room booking and approval workflows for multiple corporations and regions within THACO Group.
- Built meeting management features, including participants, chairpersons, agendas, discussion/comments, and supporting services for meetings.
- Developed document approval workflows with template-based and dynamic signing processes, integrated with digital signature functionality.
- Implemented role-based access control and data authorization by corporation and permission groups to ensure secure enterprise operations.
- Collaborated with vendors and internal teams to clarify requirements, integrate business workflows, and ensure stable system deployment.
- Participated in source code management, code reviews, and frontend architecture improvements to maintain code quality and scalability.

### THACO AUTO MIS - THACO Group

May 2025 – Present

- **Position:** FullStack Engineer
- **Tech Stack:** Typescript, Vue.js, Nuxt.js, React.js, TanStack Query, Pinia, Tailwind CSS, CSS3, ...
- **Team size:** ~15 members
- Developed role-based access control for business platforms (Manufacturing & Production, Business Operations, Market Reports, Business Analysis) to ensure correct data visibility across departments.
- Implemented authorization by user position, geographic region, and company scope to support multi-entity and multi-region enterprise operations.
- Built statistical dashboards for Vehicle Business, Parts & Service Business, and Manufacturing, aggregating data by time period, region, vehicle brand, and vehicle version to support operational analysis.
- Developed detailed business performance reports for vehicle brands, factories, and production workshops, providing leadership with clear and realistic insights into each business domain.
- Implemented market and VAMA reporting features and KPI/target import workflows with permission control, while managing Frontend Portal and CMS source code, production deployments, bug fixing, and user support.

### Personnel Evaluation System - THACO Group

Jun 2025 – Dec 2025

- **Position:** Software Engineer
- **Tech Stack:** Typescript, React.js/Vite.js, Tailwind CSS, Ant Design, Redux, Redux Toolkit
- **Team size:** 6 members
- Collaborated with the Team Leader to establish the frontend architecture, manage source code, conduct code reviews, and maintain development standards to ensure scalability and maintainability.
- Developed user management and organizational permission modules, enabling secure and role-based access control for THACO Group and its 6 member corporations.
- Built evaluation cycle management features, including evaluation periods, evaluation criteria groups, and employee assignment within assessment cycles.
- Developed employee self-evaluation and performance assessment functionalities based on configurable evaluation criteria.
- Implemented corporation-level evaluation aggregation and reporting features, helping management efficiently consolidate and analyze assessment results across multiple business units.
- Improved operational efficiency by digitizing and standardizing the personnel evaluation process, reducing manual workload and increasing transparency in employee performance assessments.
- Contributed ideas for system improvements and optimized user experience, helping ensure stable deployment and adoption across enterprise-scale users.

## THACO Document Management - THACO Group

March 2025 – May 2025

- **Position:** FullStack Engineer
- **Tech Stack:** TypeScript, Python, Next.js, Node.js (Nest.js), FastAPI, Material UI, Prisma, MS SQL, RabbitMQ, Microservice, Docker, VPS
- **Team size:** ~4 members
- Designed and implemented role-based access control to ensure secure, fine-grained document access by user roles and organizational departments.
- Developed a centralized document management system supporting document creation, editing, version control, and classification across departments and business units.
- Built document approval workflows and access policies (public, restricted, private) to standardize document governance and approval processes.
- Implemented document analytics and reporting features to track usage metrics such as views, favorites, and management activities by topic and corporation.
- Integrated dynamic watermarking and offboarding data synchronization to protect intellectual property, manage document lifecycle, and securely archive documents for departed employees .
- Deploy and operating the full Backend and Frontend systems using Docker on internal infrastructure.

## Topdev.vn - Daoukiwoom Innovation

Feb 2024 – Feb 2025

- **Position:** Front-End Engineer
- **Tech Stack:** Typescript, React.js, Next.js, Vue.js, Tailwind CSS, Shadcn UI, Material UI, Redux Toolkit, Storybook
- **Team size:** ~10 members
- Developed a community-based IT recruitment platform with a strong focus on user experience and performance to improve candidate and employer engagement.
- Optimized platform performance using lazy loading, code-splitting, and caching to reduce load time and improve user interaction.
- Collaborated with Product Owner and SEO Specialist to apply SEO best practices, ensuring search visibility and technical SEO compliance.
- Built employer-facing dashboards and sales-related features to support candidate management, job postings, analytics, and recruitment product monetization.
- Developed core user features including homepage, profile management, job application flows, job detail pages, job recommendations, CV tracking, and profile completion scoring.
- Implemented advanced recruitment tools such as CV search for employers, job posting workflows, salary calculation tools (gross/net), and high-traffic event websites, ensuring scalability and system stability..

## Online Booking System - FPT Software

Sep 2022 – Feb 2023

- **Position:** Front-End Engineer
- **Tech Stack:** Typescript, React.js, Redux Toolkit, single-spa, MS SQL
- **Team size:** ~ 200 members
- Developed a web-based room booking system with over 40 advanced filters.
- Optimized API data loading performance using debounce, pagination, and lazy loading.
- Applied mobile-first design principles.
- Supported QA and Tester teams to ensure product quality.

## Certifications

- **Cloud & AI**
  - Automate Data Capture at Scale with Document AI – Google Cloud Skills Boost (2025)
  - Build Custom Processors with Document AI – Google Cloud Skills Boost (2025)
  - Prompt Design in Vertex AI – Google Cloud Skills Boost (2025)
  - Enhance Gemini Model Capabilities – Google Cloud Skills Boost (2025)
- **Project & Process Management**
  - Google Project Management – Coursera (2024)
  - Software Development Lifecycle – Coursera (2024)
- **UX & Communication**
  - User Experience Research and Design – Coursera (2024)
  - Academic English: Writing – Coursera (2024)