

Nguyễn Đức Huy

Back-End Developer

Java Backend Developer with a strong foundation in **Spring Boot** and a versatile Full-stack background. Experienced in architecting scalable RESTful APIs (93+ endpoints) and integrating complex third-party services like Stripe, SePay, and Zalo Social Auth. A proactive and eager learner, adept at navigating modern tech stacks including **NestJS**, **NextJS**, and **MongoDB** to deliver high-performance, user-centric solutions.

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Education

FPT University — Software Engineering

⌚ Nov 2020 - Present



Quốc Bảo Service — Back-End Developer

⌚ Remote, Jul 2025 - Present

NodeJS ExpressJS PostgreSQL

- Developed and maintained a warranty management platform for LocknLock products.
- Implemented warehouse module to manage spare parts: tracking transfers from central warehouse to local stations.
- Built business logic to handle partial fulfillment:
 - If request fully matched → status = Fully Issued.
 - If partially matched → system auto-generates a Return Ticket for central warehouse tracking.
- Designed and implemented seed data generator for administrative units (wards, districts, cities), enabling consistent data initialization.



FPT Software Academy — Back-End Developer

⌚ Sep 2024 - Dec 2024

Java Spring Boot MySQL ReactJS Ant Design

- Developed and maintained backend APIs for CRUD operations on instructors' skills, enabling instructors to manage their CV/profile.
- Created APIs to log report updates, capturing updated fields for instructor reports.
- Optimised schedule retrieval for instructors, reducing query time from approximately 12 seconds to 3–4 seconds using Stored Procedures.
- Collaborated effectively with Product Owner and frontend team to refine UI/UX, ensuring API integration met design expectations.
- Used GitLab for version control and team collaboration.
- Supported frontend development by creating UI components for log display and skill management, ensuring seamless integration with backend APIs.

Personal Project

Spa Management & Booking System — Fullstack Developer

⌚ Jan 2026 - Present

NestJS Next.js MongoDB Vercel

- Developed a full-stack booking platform tailored for spa services, featuring a modern landing page and a streamlined scheduling system.
- Integrated Zalo Social Authentication to simplify the user onboarding process and enhance user engagement.
- Built a robust Backend with NestJS and MongoDB, leveraging NoSQL's flexibility to manage dynamic service catalogs and appointment data efficiently.
- Designed and implemented RESTful APIs for real-time service booking, user profile management, and automated scheduling logic.
- Developed a responsive Frontend using NextJS, ensuring fast load times and an intuitive interface for seamless service discovery and booking.

Additiv3 Startup Landing Page — Front-End Developer

⌚ Jan 2026 - Present

Next.js GSAP Resend API

- Automation & Scalable Architecture: Integrated Resend API for automated lead generation and architected a scalable codebase to support future advanced features like an automated STL-file quoting engine and Admin Dashboard.
- High-Performance Visual Experience: Engineered a modern landing page using NextJS and GSAP for complex scroll animations and seamless transitions, ensuring an optimized UX that reflects the startup's innovative brand.

DSEV Sport — Backend Developer

⌚ Sep 2025 - Dec 2025

Java Spring Boot PostgreSQL Google Cloud Vercel SePay API

- Developed a comprehensive sports apparel e-commerce website focusing on core business flows and secure transaction handling.
- Engineered a robust administrative dashboard for efficient management of products, multi-level categories, and media assets.
- Integrated SePay payment gateway to automate transaction confirmation, ensuring a seamless and reliable checkout experience for users.
- Designed and optimized database schemas in MySQL to handle relational data between products, categories, and orders effectively.
- Built and documented RESTful APIs to facilitate communication between the server and the client-side, maintaining clean code standards.

Skincare Sale Product System — Fullstack Developer

⌚ Jan 2025 - Apr 2025

Java ReactJS Spring Boot MySQL Azure Vercel

- Developed a comprehensive skincare product e-commerce platform with a custom-built backend API supporting full e-commerce workflows and skin type consultation features.
- Designed and implemented 93 RESTful APIs for core e-commerce functionalities, including user authentication, product, order, and cart management, contributing significantly to the backend architecture alongside team members.
- Integrated Stripe payment gateway to facilitate secure and efficient online transactions.
- Developed a dynamic skin type quiz system that determines user skin type by analysing answer patterns and matching them to corresponding skin categories. The system handles tie-breaker logic by suggesting supplementary questions.

Skills & Tools

Certificate

IELTS 5.5 - 2022

Languages

FE related

JavaScript TypeScript

BE related

Java NodeJS ExpressJS NestJS MySQL Microsoft SQL Server

Technologies

FE related

React Framer Motion Ant Design GSAP

BE related

Spring Boot

Tools & Softwares

Coder related

VS Code IntelliJ Git Sourcetree

Designer related

Figma