

# 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.

 Ho Chi Minh City     huyduc1704@gmail.com

 /huyndse161632

 /huyndse161632

 /huyndse161632

### Education

**FPT University** — Software Engineering

 Nov 2020 - Present

### Experience



**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