

Đinh Quốc Duy

Back-end developer



PERSONAL INFORMATION

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✉ 21/10/2004

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📍 Tay Mo, Nam Tu Liem, Ha Noi

TECHNICAL SKILLS

PROGRAMMING LANGUAGE

HTML, CSS, JavaScript, TypeScript

FRAMEWORK & RUNTIME

Node.js, Express.js, NestJs

DATABASE MANAGEMENT SYSTEMS

MySQL, MongoDB

API

RESTful API

OS & ENVIRONMENT

Linux(Ubuntu)

AUTHENTICATION

JWT

TOOLS

VS code, Postman, Git/GitHub

EDUCATION

Hanoi University of Civil Engineering

2022 - Present

Information technology

Toeic: 520/990 (Internal school exam - 05/2024)

CAREER OBJECTIVE

I'm a final-year Information Technology student at Hanoi University of Civil Engineering with a strong passion for web development. I am seeking an internship opportunity as a Backend Developer. My goal is to learn from experienced professionals while contributing to building scalable, reliable systems and enhancing my problem-solving and teamwork skills.

PERSONAL PROJECTS

Laptop Shop Website

Jun 22, 2025 - July 22, 2025

Back End Developer

Description: Developed a web-based e-commerce platform that allows users to browse laptops, search by multiple criteria, manage carts, place orders, and view purchase history.

Tech Stack: Node.js (TypeScript), Express.js, Prisma ORM, MySQL, Passport.js, EJS, HTML/CSS/JavaScript

Responsibilities:

- Integrated Passport.js for user authentication and session management
- Developed admin dashboard to manage users, products, and orders
- Designed and integrated Prisma Transaction logic to validate product availability before order creation
- Created middleware to restrict access to login/register pages for authenticated users
- Enabled product filtering (by price, quantity, manufacturer) and cart management features

Project link: <https://github.com/QuocDuy21-10/LaptopShop>

Job Posting & Recruitment Website

Aug 3, 2025 - September 14, 2025

Back End Developer

Description: A recruitment platform that allows employers to post jobs and applicants to search jobs by skills, submit CVs, and receive weekly job recommendations via email. The system includes role-based access for Admin, Employer, and Applicant to manage recruitment efficiently.

Tech Stack: NestJS, Node.js, MongoDB (Mongoose), Passport.js (local & JWT), RESTful API, Cron Jobs

Responsibilities:

- Implemented Authentication & Authorization with JWT, Guards, and role-based permissions.
- Designed and built a Roles & Permissions module, leveraging NestJS lifecycle hooks to generate seed data and applying guards.
- Developed a Subscribers module with automated weekly email notifications using Cron Jobs and templated emails

Project link: <https://github.com/QuocDuy21-10/NestJs>