

NGO VAN HUY HOANG

JAVA DEVELOPER

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<https://hoangdevv.github.io/MyPortfolio> <https://www.linkedin.com/in/nvhhoang>

OBJECTIVE

As a **Java Developer** with a strong foundation, I strive to enhance my technical expertise and contribute value to real-world projects in a dynamic environment. I focus on building **scalable APIs**, optimizing **database performance**, **security applications**, and deploying on **cloud platforms**. I continuously expand my knowledge of **microservices** to develop efficient technology solutions and optimize **system performance**.

SKILLS

Programming Languages	Java, Node.js
Frameworks & Platforms	Spring Boot, Express.js
Database Management Systems	MySQL, ORM (JPA/Hibernate), MongoDB
Web Technologies	RESTful APIs, WebSocket/STOMP
Security	Spring Security (OAuth2, JWT)
Tools & Technologies	Git, Postman
DevOps & Deployment	Docker, Render, Railway
Soft Skills	Teamwork, Conflict resolution, Problem-solving, Communication, Adaptability
Others	Strong understanding of Object-Oriented Programming (OOP), with a solid foundation in Design Patterns, and familiarity with HTML, CSS, and JavaScript.

EDUCATION

Ho Chi Minh City University of Technology (HUTECH)	10/2021 - 04/2025
Software Engineering	
Studied and practiced Object-Oriented Programming (OOP).	
Gained fundamental knowledge of system analysis and design .	
Learned about data structures and algorithms .	
Developed applications using Java .	
Achievements in programming competitions:	
• Top 20-30 in Database Design 2024	
• Semi-finalist - Find IT Talent 2023, 2024	

PROJECTS

Job Search and Recruitment Website

(09/2024 - 12/2024)

Specialized Project	HCMC University of Technology - Hutech
Description project	A platform for job recruitment and job searching , supporting job posting , candidate search , email notifications , real-time messaging , and online payments .
Team size	2
Position	Backend Developer
Roles & Responsibilities	Design and develop RESTful APIs using Spring Boot . Manage MySQL database. Optimize data conversion between DTO and Entity using MapStruct . Implement image management on the cloud using Cloudinary . Develop authentication and authorization system with Spring Security , JWT , and OAuth2 . Integrate payment systems (VNPAY , PayPal). Build a real-time chat system using WebSocket/STOMP . Develop a chatbot to assist users based on a Rule-Based model . Deploy the project using Docker on Render .
Technology description	Spring Boot, React, RESTful API, MySQL, WebSocket, JWT, OAuth2, Cloudinary Demo website: https://workfinder-exquisite-llama-47b911.netlify.app GitHub repository: https://github.com/hoangdevv/DACN-4NTH-WebsiteTimKiemViecLam

Hotel Booking System

(04/2024 - 07/2024)

Personal Project	Spring Boot Practice
Description project	A backend API system for hotel management , including user authentication , hotel management , room management , and amenities , with no frontend implementation.
Team size	Personally
Position	Backend Developer
Roles & Responsibilities	Developed RESTful APIs for hotel, room, and amenities management. Implemented authentication & authorization with Spring Security & JWT to manage user roles. Used DTO mapping to optimize data transfer between layers. Handled image uploads for hotel and room listings using MultipartFile . Tested APIs using Postman , ensuring proper functionality and security.
Technology stack	Spring Boot, MySQL, Spring Security, JWT, RESTful API, Postman GitHub repository: https://github.com/hoangdevv/DACS_HeThongDatPhongKhachSan

REFERENCES

MSc. Trinh Dong Thanh Truc

- Lecturer at the Faculty of Information Technology, HUTECH University
- Email: tdt.truc@hutech.edu.vn