

Ho Duc Vinh

FULLSTACK/ BACKEND DEVELOPER

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ABOUT ME

IT student specializing in Fullstack and Backend Engineering (Java, Spring Boot, React, Node.js). Experienced in designing RESTful APIs, modern software architectures, and database management. Passionate about building scalable applications and writing clean, maintainable code.

Portfolio: <https://ducvinh.space>

EDUCATION

10/2022 - 12/2027

Academy of Cryptography Techniques - KMA

Major : Information Technology

GPA: 3.2/4.0

SKILLS

Backend:

Java, Spring Boot, Spring Security, Spring Data JPA, Hibernate, RESTful API, ExpressJs

Frontend:

ReactJS, NextJs

Database & Auth:

MySQL, Postgresql, MongoDB, JWT Authentication

Architecture & Clean Code:

DTO Mapping, Global Exception Handling, Clean Architecture Principles

Developer Tools:

Git, Github, Postman, IntelliJ IDEA, VS Code, Docker

Languages:

English: Toeic 805

PERSONAL PROJECTS

08/2025 - 02/2026

FULLSTACK DEVELOPER - BOOKSTORE E-COMMERCE PROJECT

Position: Fullstack Developer

- Built an online bookstore system with book search, browsing, cart, and order management features.
- Designed MySQL database schema and developed RESTful APIs for books, categories, cart, and orders.
- Implemented Spring Security + JWT for authentication, authorization, and secure data access.
- Applied layered architecture, DTO mapping, validation, and global exception handling.
- Developed frontend with React, TypeScript, and Material UI; integrated Google GenAI chatbot for book recommendations.
- Added order confirmation email notifications and ensured clean, maintainable code.

Github: https://github.com/hoduvinhh/book_selling_website_project.git

Tech Stack: ReactJS, TypeScript, React Router, Material UI, Context API, Java, Spring Boot, Spring Security, JWT Authentication, Spring Data JPA, Hibernate, Spring Data REST, MySQL, RESTful API, Docker

03/2026 - 07/2026

FULLSTACK SOCIAL NETWORK APPLICATION

Position: Fullstack Developer

- Engineered direct/group messaging using Socket.IO (online status, read receipts, unread counts) and managed social interactions (posts, likes, comments, stories with scheduled cleanup).
- Built end-to-end friend request workflows (suggestions, mutual friends) and customizable profile features with visibility controls.
- Implemented secure JWT auth (access/refresh tokens, HTTP-only cookies) and integrated Cloudinary for dynamic media uploads.
- Designed scalable, modular RESTful APIs using Express.js and MongoDB/Mongoose.

Github: <https://github.com/hoduvinhh/social-network-app.git> / Demo: <https://social.ducvinh.space/>

Tech Stack: ReactJS, TypeScript, Tailwind CSS, Zustand, Axios, Express.js, MongoDB, Socket.IO, JWT Authentication, Cloudinary.