

Tran Thanh Do

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github.com/trthanhdo41 • s.net.vn/dotran-portfolio

Energetic and detail-oriented Java Backend Developer specializing in Spring Boot. Proven ability to develop robust backend systems, manage databases efficiently, and ensure system security. Skilled in Spring Boot, MySQL, and RESTful API development. Successfully completed three Java Spring Boot projects.

EDUCATION

Software technology	Sep 2021 - Sep 2025
University of Economics and Finance (UEF)	
Completed advanced courses in Java programming, data structures and database management.	
Built a fully featured note-taking web system for users and admins.	


TECHNOLOGY SKILLS

Programming Languages: Java.
Databases: MySQL, SQL Server.
Frameworks and Technologies: Microservices, Spring Boot (Spring Core, Spring MVC, Spring Data JPA, Spring Security, Thymeleaf).
Architectures: ORM (Hibernate), MVC (Spring MVC).
Tools: Maven, Git, GitHub, Postman.
API: RESTful API.
Frontend: HTML, CSS, JavaScript, Bootstrap 5, Thymeleaf.

LANGUAGES


English: Good.

PROJECTS

NOTE MANAGEMENT SYSTEM 	May 2024 - Jul 2024
Note Application	
A comprehensive web-based note application built with Java, Spring Boot, and MySQL. This project features user authentication, two-factor authentication (2FA), group management, and extensive note-taking capabilities. I am the only one who completed this Java Backend project.	
Technologies and Implementation:	
<ul style="list-style-type: none">Java: Used as the primary programming language for backend development.Spring Boot: Utilized to create a robust and scalable backend framework.Spring Security: Implemented for user authentication, including two-factor authentication (2FA) with Google Authenticator, and overall system security.Spring Data JPA: Used for database interaction and ORM to handle MySQL operations.Thymeleaf: Employed for server-side rendering of HTML pages, enhancing the user interface.Bootstrap: Integrated to provide a responsive and modern UI design.MySQL: Used as the relational database management system to store and manage application data.AWS S3: Utilized for storing user avatar images and other media assets.Jakarta Servlet: Used to handle HTTP requests and responses within the application.Maven: Employed for project management and dependency management.Lombok: Used to reduce boilerplate code in the Java application.Google Authenticator: Implemented for generating time-based one-time passwords (TOTP) for 2FA.JavaMail: Utilized for sending email notifications for account activation, password recovery, and account updates.	

Project Link: <https://github.com/trthanhdo41/note-application>

CERTIFICATIONS

Advanced Software Engineering Job Simulation (Credential ID: na8TZapkz35gDvoAN (Enrolment Verification Code))  by The Forge	Jul 2024
Java Backend programming certificate by Code Gym Center	Jan 2024
Certificates of Java and Spring Boot courses by Udemy	Jul 2023