LE MINH DUC

JAVA BACKEND DEVELOPER

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SUMMARY

Software Engineering graduate from FPT University with hands-on experience building backend systems using Java and Spring Boot. Strong foundation in OOP, RESTful APIs, relational database design with PostgreSQL, and Docker containerization. Focused on developing secure, reliable backend workflows and maintainable software architectures.

EDUCATION

FPT University Sep 2022 - Oct 2026

Software Engineering

GPA: 8.2/10 • **Degree Classification:** Very Good

LANGUAGE

English: Technical reading proficiency (Comfortable reading technical specifications and API documentation)

SKILL

Programming Languages: Java (Primary), SQL, C

Frameworks & Backend: Spring Boot (Primary), Spring Security, Spring Data JPA, RESTful APIs, JWT

Architecture & Concepts: Microservices (Spring Cloud Gateway), Monolith, OOP, Database Design

Database: PostgreSQL, SQL Server

DevOps & Tools: Docker, Nginx, Git/GitHub, Postman, Swagger/OpenAPI

Frontend (Supporting): React.js, Next.js, HTML/CSS, Tailwind CSS

EXPERIENCE

Programming Assessment Support May 2025 - Nov 2025

TEKY Academy

- Administered entrance programming assessments in Java for new students.
- Evaluated candidate problem-solving logic, helped debug syntax errors, and guided students through basic algorithmic exercises.
- Collaborated with the academic department to document candidate progress and ensure consistent assessment criteria.

PROJECT

Apartment Building Management System Jan 2026 - Apr 2026

Github: github.com/minhduc1006/MSS

Tech: Java, Spring Boot, Spring Cloud Gateway, PostgreSQL, Docker, PayOS

- Designed domain-based microservices for authentication, billing, facilities, and apartment operations.
- Configured centralized API routing with Spring Cloud Gateway and separated PostgreSQL databases per service.
- Integrated PayOS payment gateway with webhook handling to automate billing status updates; containerized services with Docker.

VivuPlan - Travel Planning Platform Jan 2026 - Apr 2026

Link web: vivuplan.io.vn | **Github:** github.com/ChinhCDHE181478/EXE_Project

Tech: Java, Spring Boot, PostgreSQL, RESTful APIs, Next.js, Docker, Nginx

- Developed Spring Boot RESTful APIs for itinerary management, user authentication, and trip history persistence with PostgreSQL.
- Integrated Booking.com, Google Maps, Tavily Search, and SerpAPI to deliver real-time hotel availability, geolocation, and destination recommendations.
- Contributed to deployment using Docker containers and configured Nginx reverse proxy for production hosting.

EnglishLab - Hybrid English Learning Platform Jun 2026 - Sep 2026

Link web: englishlab.io.vn | **Github:** github.com/ChinhCDHE181478/EnglishLab

Tech: Java, Spring Boot, Spring Security, Spring Data JPA, PostgreSQL, React, TypeScript

- Developed RESTful API workflows for course registration, class scheduling, assignments, and learner progress tracking.
- Implemented user authentication and role-based access for students, teachers, and administrators using Spring Security and JWT.
- Integrated Google Meet API for automated virtual classroom scheduling and BunnyStream for secure course video delivery.