NGO DIEP QUANG HUY

JAVA DEVELOPER

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INTRODUCTION

Java Backend Developer with 1.5 years of experience in building and maintaining microservice systems using Spring Boot. Proficient in developing RESTful APIs (OpenAPI/Swagger), working with asynchronous messaging systems (Kafka), and effectively utilizing databases including PostgreSQL, Redis, and MongoDB. A proactive learner committed to professional Agile/Scrum methodologies and ensuring high product quality through comprehensive unit testing (JUnit).

EDUCATION

University of Technology and Education HCM (HCMUTE)   10/2020 - 10/2024

Software Engineer

GPA: 8.34 / 10

SKILL AND KNOWLEDGE

Programming Languages:	Java, JavaScript(basic), HTML, CSS.
Frameworks:	Spring Boot, Spring Cloud, Hibernate, JPA, React(basic).
Database:	Oracle, PostgreSQL, MongoDB.
Tools:	Git /GitHub, SVN, Docker, Postman.
Soft Skills	Team Collaboration	Technical Communication	Ownership	Continuous Learning(Kafka, Docker).
Knowledge about:	Restful API, Kafka Message Queue, Design Pattern, Microservice, Redis Cache, OOP, AWS.

EXPERIENCE

FUJINET SYSTEMS JSC   02/2024 - 07/2025

Java Developer

- Participated in the technical analysis and implementation of new features for two Java projects, ensuring adherence to technical specifications and contributing to the successful delivery of 15+ enhancements within project timelines.
- Contributed to a critical system modernization project by migrating components from Oracle to PostgreSQL, successfully modifying and testing 10 screens to ensure data integrity and application compatibility.
- Proactively analyzed and resolved 50+ development issues through root-cause analysis, collaborating closely with the QA team to ensure project quality.
- Achieved second-place honors in the FCODE Challenge 2024.

PROJECTS

NovaPlay (Online Movie Streaming Platform)   6/2025 - Present

Full Stack Developer

- A personal project to build an online movie streaming platform, developed to apply and demonstrate skills in Microservice architecture and modern technologies.
- **Architecture & Backend**: Designed and developed the backend system using a microservice architecture, including services for authentication, payment, streaming, and notifications with Spring Boot 3 and Spring Cloud.
- **Data Storage**: Integrated and managed diverse databases: PostgreSQL for structured data (users, payments) and MongoDB for unstructured data (viewing history, movie metadata).
- **Asynchronous Processing**: Utilized Apache Kafka to build asynchronous data processing streams between services, ensuring a responsive and scalable system.
- **DevOps & Deployment**: Containerized the entire application using Docker/Docker Compose and applied the Git Flow workflow for version control and code reviews.
- **Frontend**: Developed the user interface using React and TypeScript.