VU LINH, NGUYEN (MR.)

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Profile

I am a passionate Java developer with 6+ years of experience, possessing a strong foundation in Java SE, EE, Spring Framework, and its ecosystem. I specialize in crafting robust, high-performance, and scalable backend applications within a microservices architecture. Proficient in Java Core, Design Patterns, OOP principles and problem solvings.

Working Experience

Java Backend Developer | FPT Software, Ltd. | Aug. 2019 – Feb. 2022

- Learning and mastering the Java programming language and its core concepts.
- Developing and maintaining Java-based applications and services for various domains (fintech, logistics, etc.)
- Staying updated with the latest Java features and best practices.
- Writing unit tests, ensuring code coverage and minimalize the likeliness of edge case bugs.
- Working in a team to create and maintain robust, scalable and maintainable backend applications based on Spring Framework.
- Participating in code reviewing and supporting other more junior members.

Java Backend Developer | TTC Solutions, JSC. |Feb 2022 – May. 2023

- Developing and maintaining Java-based applications and services (for banking systems).
- Supporting migration from old systems into new ones.
- Optimizing SQL queries and making necessary changes to databases to ensure the smoothness and the stability of querying operations.
- Staying updated with the latest Java features and best practices.
- Writing unit tests, ensuring code coverage and minimalize the likeliness of edge case bugs.
- Working in a team to create and maintain robust, scalable and maintainable backend applications based on Spring Framework.
- Participating in code reviewing and supporting other more junior members.

Java Backend Developer | CMC GLOBAL, Ltd. | Jul. 2023 – present

- Developing and maintaining Java-based applications and services (for crowdfunding systems).
- Supporting migration from old systems into new ones and dockerizing them for AWS-based services.
- Optimizing SQL queries and making necessary changes to databases to ensure the smoothness and the stability of querying operations.
- Staying updated with the latest Java features and best practices.
- Writing unit tests, ensuring code coverage and minimalize the likeliness of edge case bugs.
- Working in a team to create and maintain robust, scalable and maintainable backend services based on Spring Framework.
- Learning new technologies (Typescript, Python).
- Working directly and closely with clients and devops engineers to fix and maintain mission-critical functions of the production services.
- Writing necessary tools to support data retrieval for clients.
- Tinkering services to ensure the performance and eliminate memory leakage (adjusting JVM parameters, eliminate bottlenecks and resource-consuming functionalities, etc).
- Participating in code reviewing and supporting other more junior members.

Side projects

- Spring Base (containing everything had learned so far, using Spring Boot 3)
- QR Code Generator (using simple library to generate QR Code)
- A simple program to add hardcoded subtitles into a video using FFMPEG (written in C#)
- Contributing to GrowthBook Java SDK

Education

INet-NIIT College | Jan. 2012 – Jul. 2014

Skills & Abilities

- Programming languages: **Java** (8, 11, 17 and 21), **HTML/CSS/Javascript/Typescript**, **Python**, **Markdown**
- Frameworks: **Hibernate**, **Spring Framework**, **Spring Boot** (2 and 3), Spring ecosystems (**Spring Data JPA**, **Spring Security**, JWT-based authentication/authorization, **Spring Scheduling, Spring Actuator**, etc.), **FastAPI**, **SQLAlchemy**
- IDEs: **Eclipse**, **NetBeans**, **IntelliJ IDEA**, **Visual Studio Code**, **PyCharm**
- Relational DBMS: **PostgreSQL**, **MySQL**/**MariaDB**, **Oracle Database**
- No-SQL: **MongoDB**
- Tools: **Git**, **Apache Kafka**, **Redis**, **Elasticsearch**, **Docker**, **Postman** (/w script), **AWS** (S3, SQS, RDS), **JIRA**, **Confluence**, **Notion**, **Sentry.io**, **Growthbook.io**, **Keycloak**
- Methodology: **Waterfall**, **Agile/Scrum**
- AI tools: **ChatGPT**, **Gemini**, **Claude**, **Microsoft Copilot**, **JetBrains AI**
- Design patterns: **Simpleton**, **Factory**, **Template**, **Decorator**, **Builder**

Languages

- **Vietnamese** (native)
- **English** (proficient)

Certificates & Achievements

- Oracle Certified Associate, Java SE 8 Programmer (issued on 2021-07-31)