

Nguyen Phuc Tien

Backend Developer

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Summary

Backend Developer with over 2 years of experience in enterprise systems using Java J2EE and Spring Boot. Adept at handling full-stack tasks, optimizing legacy architectures, and collaborating with Product Owners to turn complex business ideas into robust features. Proven track record in streamlining high-volume data workflows, mitigating security vulnerabilities, and driving code quality via unit testing.

Technical Skills

Languages: Java (Primary), JavaScript, SQL, HTML/CSS.
Frameworks: J2EE, Spring Boot, Spring MVC, VueJS, Bootstrap, jQuery, JUnit.
Databases & Search: IBM DB2, PostgreSQL, Elasticsearch, Redis.
Tools & Workflow: Git, GitLab CI/CD, Control-M, UiPath, Postman, Docker, IBM ClearCase.

Professional Experience

Cathay Life Insurance Vietnam

Dec 2024 – Present

Software Developer

Ho Chi Minh, Vietnam

- **Promotion Engine:** Leveraged **Strategy Pattern** to architect a highly flexible Promotion Engine, reducing feature delivery time by 50% and enabling dynamic discount policy integration.
- **Customer Portal Modules:** Collaborated closely with Product Owners (POs) to gather requirements and implement core end-to-end features (both Backend Java and Frontend VueJS); successfully identified and patched system security flaws while introducing secure OTP/QR-based activation.
- **Batch Job Optimization:** Monitored and optimized automated batch workflows using **Control-M** to process **10,000+ records daily**, handling critical data synchronization tasks such as promotion distribution, account provisioning, and customer profile integration.
- **Legacy Modernization:** Refactored legacy J2EE (Java 7) modules to reduce technical debt and ensure system stability under high production loads, backed by custom corporate JUnit testing libraries.
- **RPA Automation:** Designed and deployed UiPath robots to automate complex inter-departmental workflows, eliminating manual operations by 70–80%.

IVS JSC

Jun 2023 – Dec 2023

Software Developer (Full-time & Intern)

Ho Chi Minh, Vietnam

- **E-commerce Distribution:** Built core product management and order fulfillment features for the "Labo Murata" platform using Java Spring.
- **Query Tuning:** Wrote and tuned SQL queries to optimize database operations, ensuring low-latency data access for high-frequency inventory tracking.

Projects

EV Charger Search Platform | *Spring Boot, Elasticsearch, Redis, PostgreSQL, Docker*

2023

- **Advanced Search Engine:** Developed a location-based search architecture using **Elasticsearch Geo-spatial search** to deliver real-time charging station discovery based on physical distance.
- **Performance Optimization:** Tightly integrated a **Redis caching layer** to store high-traffic regional queries, reducing primary database load and cutting API response times.
- **Deployment:** Containerized the entire micro-ecosystem (Spring Boot, Postgres, ES, Redis) using **Docker Compose** for isolated, one-click local environments.

Education & Certifications

HCMC University of Technology and Education

2020 – 2024

Bachelor in Information Technology (GPA: 8.0 / 10)

Ho Chi Minh, Vietnam

- **TOEIC 820:** Upper-Intermediate Proficiency (Certified by IIG Vietnam).