Le Nguyen Dinh Nguyen

Java Backend Developer

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SUMMARY

As a Java Backend Developer, I have hands-on experience building scalable applications using Spring Boot, Spring Security, and Hibernate/JPA. I am proficient in designing RESTful APIs, optimizing database performance, and implementing secure authentication systems. I have a proven track record of delivering production systems serving 500+ users with measurable improvements in performance and efficiency. Furthermore, I possess strong full-stack capabilities with React and Next.js for cross-functional development.

TECHNICAL SKILLS

Java & Backend	Java 8+, Spring Boot, Spring Security, Spring Data JPA, Hibernate, RESTful APIs, Maven, Gradle
Databases	MySQL, PostgreSQL, Redis, Query Optimization, Database Design & Normalization
Frontend	React, Next.js, React Router, TypeScript, JavaScript (ES6+), Tailwind CSS, HTML5/CSS3
DevOps & Tools	Docker, Coolify, Git/GitHub, CI/CD, Linux, Postman, Cloud Deployment (Render, Neon)
Other	PHP, Laravel, Inertia.js, JWT Authentication, RBAC, Thymeleaf, Agile/Scrum

EXPERIENCE

Full-Stack Developer *Present*
InterData Group, Ho Chi Minh City

- Architected and developed a comprehensive customer support ticketing system using Laravel backend with React/Next.js frontend, serving 500+ daily active users across multiple departments
- Implemented Role-Based Access Control (RBAC) with granular permissions for 5+ user roles, securing sensitive data access
- Optimized database queries and implemented Redis caching, reducing average response time by 40%
- Achieved 25% reduction in ticket resolution time through workflow automation and streamlined UI/UX design
- **Tech Stack:** Laravel, React, Next.js, Inertia.js, MySQL, Redis, Docker

Lead Researcher - Academic Integrity Tool *2022 - 2024*
HUTECH Faculty of Information Technology

- Led two-year research project developing plagiarism detection system in Java, processing 2,000+ student submissions
- Designed and implemented text-processing algorithms and a similarity analysis engine, achieving 85% detection accuracy
- Developed data persistence layer using JDBC with MySQL for efficient document comparison and result storage
- **Tech Stack:** Java, JDBC, MySQL, Text Processing Algorithms

KEY PROJECTS

Full-Stack Blog Platform *Personal Project*

- Built production-ready blog application with secure REST API using Spring Boot, supporting full CRUD operations
- Implemented JWT-based authentication and Spring Security authorization, protecting sensitive endpoints and user data
- Designed a normalized MySQL database with JPA entities and custom repository methods for optimized data access
- Developed React frontend with React Router SSR optimization, improving SEO and reducing initial load time by 35%
- **Tech Stack:** Spring Boot, Spring Security, Spring Data JPA, MySQL, JWT, React Router, Tailwind CSS

E-commerce Web Application *Personal Project*

- Engineered a robust e-commerce platform utilizing Spring Boot with Thymeleaf for server-side rendering, delivering a seamless shopping experience
- Implemented comprehensive security with Spring Security, including user authentication, BCrypt password encryption, and session management
- Optimized PostgreSQL database schema with proper indexing and custom JPA queries, reducing query execution time by 50%
- Deployed to Render with Docker, integrated Neon for PostgreSQL database hosting
- **Tech Stack:** Spring Boot, Spring Security, Spring Data JPA, Thymeleaf, PostgreSQL, Maven, Neon, Render

EDUCATION

Bachelor of Engineering in Software Engineering **2020 - 2024**
Ho Chi Minh City University of Technology (HUTECH) | GPA: 3.16/4.0 | English: CEFR Level B1

Relevant Coursework: Data Structures & Algorithms, OOP, Database Systems, Web Development, Software Engineering