

Le Dinh Phung

Personal Information

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Summary

Backend Developer specializing in **Java** and **Spring Boot**. Experienced in building **scalable applications**, integrating authentication systems, and optimizing database performance. Proficient in **Next.js** for frontend, and familiar with AWS OpenSearch. Recently expanding expertise in **microservices architecture**, Docker, and Nginx for deployment and orchestration.

Experience

FJS System (Internship - 4 months)

- Gained hands-on experience in backend development using **Java** and **Struts**.

Technical Skills

- **Programming:** Java (Spring, Java Core), JavaScript (Next.js)
- **Backend:** Spring Boot, Spring Security, OAuth2, Struts
- **Frontend:** Next.js, React
- **Databases:** MySQL
- **Version Control:** Git, GitHub
- **Cloud/Deployment:** AWS (EC2, RDS, S3, Tebi), Vercel

Projects

Book Store Application

GitHub: [BookStore Repository](#)

Technologies: Java, Spring Boot, Next.js, AWS Services (EC2, RDS, S3, Tebi), GHN, VNPay

Key Features:

- Developed advanced book sorting and filtering functionalities.
- Implemented secure authentication with **OAuth2**.
- Built a **scalable cloud-based infrastructure** on AWS, supporting up to **2 million book records**.
- Integrated online payment via **VNPay** and shipping services with **GHN**.
- Planned optimization of search queries using Elasticsearch.

Social Media App (AppF4)

GitHub: [AppF4 Repository](#)

Overview: A social media platform developed with a team of four to explore microservices and micro frontends. My role: backend architecture, deployment workflow, and integration of enterprise-grade technologies.

Key Contributions:

- Designed a scalable backend using JHipster microservices and Spring Boot.
- Set up production deployment workflow with Docker, Nginx, and VPS.
- Implemented Liquibase for automated DB migrations.
- Integrated Keycloak for centralized authentication and role-based access.
- Configured Jenkins pipelines for automated CI/CD.
- Initiated integration of Kafka and Elasticsearch.

Technologies Used:

- Backend: JHipster, Spring Boot, Kafka, Redis, Consul, Liquibase
- Frontend: Microfrontend with React
- Database: PostgreSQL
- DevOps & CI/CD: Docker, Nginx, VPS, Jenkins