

Pham Van Sy

Fresher Java Backend Developer

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OBJECTIVE

I can build backend services using Java and Spring Boot, develop RESTful APIs, and work with SQL and NoSQL databases using Hibernate/JPA. I am eager to contribute to real projects and grow as a Java Backend Developer.

EDUCATION

HUTECH University – Ho Chi Minh City University of Technology 2022 - 2026

Major: Software Engineering

GPA: 3.27/4.0

SKILLS

Technical Skills	• Programming Language: Java, SQL, Spring Boot • Backend Concepts: OOP, RESTful API Design, Authentication (Oauth2, JWT), Spring Cloud Gateway, JPA, Socket, Redis Cache • Databases : MYSQL, MONGODB, NEO4J
Soft Skills	• Clear and concise communication and idea presentation • Strong self-learning ability and curiosity for new knowledge. • Effective problem-solving skills • Basic English communication skills

WORK EXPERIENCE

Amethyst Medical Việt Nam Sep 2025 - Nov 2025

Backend Developer

- Designed and implemented database structures using MySQL.
- Developed RESTful APIs using Spring Boot and MySQL.
- Integrated JWT authentication and identity security, google and facebook authentication

LEAD AND AIM TECHNOLOGY SOLUTIONS Jun 2025 - Sep 2025

IT Support

- Redesigned and optimized the company’s website using WordPress, improving user experience and content management efficiency.
- Conducted testing and evaluation of barcode scanners, ensuring accuracy, reliability with company requirements
- Represented the company as part of the exhibition team at a major event, enhancing brand visibility and customer engagement

PROJECTS

Blur – Social Media Platform Nov 2024 - Now

Backend Developer

Description: A full-stack social networking platform built on a microservices architecture, featuring real-time chat, WebRTC video/audio calls, event-driven feed (CQRS), AI chat, and Vietnamese toxic comment detection using PhoBERT.

Github: <https://github.com/NeuroDev204/Blur>

Team size: 3

Backend: Spring Boot, OAuth2, JWT, RESTful APIs Spring Cloud Gateway, Redis Cache

Frontend: React.js, Tailwind CSS, HTML, CSS, TypeScript

Databases: NEO4J, MONGODB

Responsible:

- Designed microservices architecture with Spring Cloud, API Gateway, Resilience4j Circuit Breaker

- Configured OAuth2/OIDC authentication via Keycloak with JWT validation
- Built social graph with Neo4j — follow system and friend recommendations
- Implemented real-time chat (Socket.IO), notifications (STOMP/SockJS), and WebRTC video/audio calls
- Integrated Google Gemini API for AI chat
- Trained Vietnamese toxic comment detection model (PhoBERT v2 + ONNX) served via FastAPI with async Kafka pipeline
- Applied CQRS, Outbox, Saga patterns; multi-level cache (Caffeine + Redis) with distributed lock
- Built React 18/TypeScript SPA with Redux Toolkit and real-time integrations
- Containerized all services with Docker and Docker Compose

Neuro Ecommerce

Sep 2025 - Nov 2025

Backend Developer

Description: Neuro Ecommerce Backend is a Spring Boot and MySQL-based backend system for an e-commerce platform, providing RESTful APIs for user management, product catalog management, shopping cart operations, order processing, flash sale management, and real-time notifications.

Github: https://github.com/NeuroDev204/Neuro_Ecommerce_Backend

Team size: 3

Backend: Spring Boot, OAuth2, JWT, JPA, RESTful API

Databases: MYSQL

Responsible:

- Designed and implemented a MySQL database schema (entities and repositories) for a scalable e-commerce system.
 - Developed JWT-based authentication and role-based authorization (login, refresh token, token introspection).
 - Integrated VNPAY payment gateway.
 - Generated Excel (.xlsx) reports for revenue and product analytics.
 - Configured Swagger/OpenAPI documentation and implemented logging with AOP for cross-cutting concerns.
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