

PHAM VAN TRA

BACKEND DEVELOPER INTERN

HCM City | +84 869 857 833 | phamvantra.dev@gmail.com

OBJECTIVE

Third-year IT student focusing on Java Backend Development. Looking for a Java Intern position to apply my knowledge, gain real-work experience and contribute to meaningful products.

EDUCATION

2023 - Present

IUH - Industrial University of Ho Chi Minh City

Major: Software Engineering

TECHNICAL SKILLS

Programming Languages: Java, JavaScript & TypeScript

Frameworks:

- Backend: Spring Boot (REST API, JPA, Security), Spring Core, Spring MVC
- Frontend: React, Tailwind, Bootstrap, MaterialUI

Database Management Systems: MS SQL Server, MySQL, PostgreSQL, NoSQL MongoDB

Devops: Docker, Docker Compose

Tools: Git, GitHub, Postman

Others:

- Understanding of OOP principles including Encapsulation, Inheritance, Polymorphism, and Abstraction. Experienced in applying OOP concepts to build clean, maintainable, and scalable code structures. Hands-on practice with designing class hierarchies, implementing reusable components, and following SOLID principles
- Strong problem-solving skills with the ability to analyze issues, break them down into smaller parts, and propose effective solutions.
- Good teamwork and collaboration skills; experienced working in group projects, communicating clearly, and supporting team members to achieve shared goals.

Applied Foundations:

- Object-Oriented Programming (OOP)
- SOLID principles
- Data structures & algorithms
- Database design fundamentals
- RESTful API design

PERSONAL PROJECTS

Job Hunter | <https://github.com/phamtradev/job-hunter>

June 2025 - July 2025

Role: Backend Developer

- Tech stack:
 - Backend: Java, Spring Boot, Spring Security, Spring Data JPA, Lombok
 - Database: MySQL
 - Authentication & Authorization: JWT (access and refresh tokens)
 - Devops: Docker, Docker Compose
- Description:
 - Developed backend services for a recruitment app using Spring Boot; implemented user CRUD,

role/company associations, paginated search with Spring Data Specifications, and refresh-token based authentication.

- Contributed to building backend features for a recruitment application using Spring Boot, including user, company, job, and skill management modules.
- Assisted in implementing authentication and role-based authorization using JWT (access & refresh tokens).
- Applied Spring Data JPA and Specifications to develop flexible search and pagination functionality.
- Implemented DTO mapping and standardized API response formats to improve frontend integration.
- Developed resume upload features with input validation and safe file handling.
- Gained hands-on experience using Docker & Docker Compose to run backend and MySQL services in containerized environments.