



Tran Phuoc Anh

JAVA BACKEND DEVELOPER (FRESHER)

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PROFESSIONAL SUMMARY

Fourth-year Software Engineering student (GPA: 3.5/4.0) with a strong foundation in Java ecosystem. Experienced in building RESTful APIs using Clean Architecture, optimizing database performance, and implementing CI/CD pipelines. Possesses hands-on mentoring experience as a Java Teaching Assistant. Ready to contribute immediately to backend development projects in a professional environment.

WORK EXPERIENCE

Jan 2025 - May 2025 **Viet Nam-Korea University of Information and Communication Technology (VKU)**

Java Teaching Assistant

- Assisted lecturers in guiding practical **Java Core** programming sessions for 40+ first-year students.
- Reviewed code, debugged errors, and explained core **Object-Oriented Programming (OOP)** concepts, enhancing teamwork and code-review skills.

SKILLS

Languages Java, SQL, JavaScript.

Backend Frameworks Spring Boot, Spring Data JPA / Hibernate, Spring Security.

Architecture & Database Clean Architecture, RESTful API, MySQL.

DevOps & Tools Docker, GitHub Actions (CI/CD), Git, Postman.

Frontend Familiarity with ReactJS, HTML, CSS.

English Basic reading comprehension (technical documents).

PROJECTS

Feb 2026 - Present (Ongoing)

EdLearn - Learning Management System (LMS)

Backend Developer

- Source code:** github.com/tanh11704/ed-learn
- Live API Docs:** api.phuocanh.me/swagger-ui/index.html
- Description:** A comprehensive e-learning platform allowing instructors to manage courses, chapters, and lessons, while enabling students to enroll and track learning progress.
- Key Responsibilities & Achievements:**
 - Architected the backend using **Java Spring Boot** following **Clean Architecture** principles to ensure modularity and maintainability.
 - Optimized database performance by resolving **N+1 Query** issues using **JPA Fetch Join**.
 - Designed complex relational database schema and implemented secure logic for **Preview/Enrolled** lesson access.
 - Containerized the application using **Docker** and set up automated CI/CD pipelines via **GitHub Actions** for seamless deployment.

Jul 2025 - Dec 2025 **Event Management System**
Backend Developer

- **Source:** github.com/tanh11704/event-management-server
- **Description:** Designed and developed a system to manage events, attendees, and ticketing processes.
- **Key Responsibilities & Achievements:**
 - Developed and documented **RESTful APIs** using **Java Spring Boot** for smooth Frontend-Backend integration.
 - Implemented secure authentication and Role-Based Access Control (RBAC) using **JWT** and **Spring Security**.
 - Designed relational database schema and integrated **MySQL** for robust data persistence.
 - Managed source code via **Git/GitHub** and tested API endpoints using **Postman**.

EDUCATION

2022 - Present

Viet Nam-Korea University of Information and Communication Technology (VKU)

Major: Software Engineering

GPA: 3.5/4.0

CERTIFICATIONS

February 24, 2024

Java Web Advance - Global Software Talent (Level B) (Certified by FPT Software Academy)