KHOI PHAM

Intern Software Engineer

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Education

FPT University · *Ho Chi Minh, Viet Nam*
BACHELOR'S, SOFTWARE ENGINEERING · *Oct. 2022 – Apr. 2026*

- Major in **Java Backend Development**.
- Current GPA: **3.2/4.0**.

Le Quy Don High School for the Gifted · *Vung Tau, Viet Nam*
HIGH SCHOOL DIPLOMA, SPECIALIZED IN MATHEMATICS · *2019 – 2022*

- Graduated with GPA: **9.2/10.0**.

Work Experience

FPT SOFTWARE, INTERN SOFTWARE ENGINEER - BACKEND · *Ho Chi Minh City, Dec. 2024 – Mar. 2025*

- Developed and maintained backend systems using **FastAPI**, focusing on data processing and API development.
- Collaborated with cross-functional teams under **Scrum methodology** to deliver scalable, high-performance solutions.
- Implemented **RESTful APIs** and integrated third-party services for enterprise-level applications.
- Gained hands-on experience with cloud deployment and containerization using **Docker**.
- **Tech Stack**: **FastAPI**, **Docker**, **PostgreSQL**

Projects

EDUPATH – EDUCATIONAL PLATFORM (5 MEMBERS, JAVA) ⧉ · *Jun 2024 – Jul 2024*

- Built a platform helping high school students explore universities, compare majors, and receive 24/7 career guidance with an **AI-powered chatbot**.
- Developed Real-time Data Visualization for admission scores and exam distributions.
- Integrated multiple data sources with **PostgreSQL** and **MongoDB** for accurate comparison.

FOOD FORUM – SOCIAL PLATFORM (5 MEMBERS, PYTHON) ⧉ · *May 2024 – Jul 2024*

- Developed a community platform for food enthusiasts to share recipes and engage in real-time conversations.
- Implemented a Real-time Messaging System with **FastAPI WebSocket**.
- Built a secure Authentication System with **Firebase**, **JWT** and a Responsive UI using **React** + **TailwindCSS**.

Skills

- **Programming Languages**: Java, Python
- **Backend Frameworks**: Spring Boot, FastAPI
- **Databases**: PostgreSQL, MySQL, SQL Server, MongoDB
- **Cloud & DevOps**: AWS, Firebase, Docker, Kubernetes
- **Tools & Platforms**: Git, GitLab, GitHub, VS Code, IntelliJ IDEA, Nginx