

# HONG PHAM THI KIM – Backend Developer Intern

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## SUMMARY

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Software Engineering student with solid experience in building backend systems using Java, Spring Boot, RESTful APIs, and PostgreSQL. Hands-on with authentication (JWT), API integration, and deploying full-stack applications with Docker.

Seeking a Backend Developer Intern role to contribute to real projects while strengthening my skills in backend architecture, clean code, and scalable system design.

## EDUCATION

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### University of Economics Ho Chi Minh City (UEH)

Bachelor of Software Engineering, GPA: 3.65

Expected Graduation 2026

## TECHNICAL SKILLS

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- **Languages:** Java, JavaScript
- **Frameworks & Libraries:** Spring Boot (Core, Data JPA, Security, JWT), Spring Cloud Gateway, React + TypeScript
- **Databases:** PostgreSQL, MySQL, MSSQL
- **Tools & DevOps:** Git/GitHub, Postman, Docker (Dockerfile, Docker Compose, container build & run)
- **Concepts & Principles:** OOP, SOLID Principles, RESTful API Design, DSA, SOA, Basic Microservices
- **English:** TOEIC 630 (Reading & Listening) confident in technical communication.

## PROJECTS

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### Stock Price Tracker (Java + React + PostgreSQL), Independent Project

Oct - Nov 2025

**Github:** <https://github.com/kimhongpham/StockView>

- Developed a fullstack realtime market tracking system with Spring Boot REST API + WebSocket, secured using JWT, Google OAuth2.
- Integrated Finnhub API to fetch live stock, applying PostgreSQL for asset and user storage.
- Built a responsive React + TypeScript UI for charts, watchlist management, and theme switching; packaged entire system with Docker Compose.

### News Website (Nodejs, MySQL), Class Project, Role: Backend Developer

Aug – Oct 2025

**Github:** <https://github.com/kimhongpham/news-website>

- Built backend RESTful APIs using pure Node.js to handle routing, controllers, middlewares, and request parsing manually.
- Designed and implemented CRUD operations for articles, categories, comments, and user management with role-based access control (admin & visitor).
- Deployed the backend on Render with a modular, maintainable architecture.

### ATM System (Java, MySQL), Class Project, Role: Backend Developer

Jan – Mar 2025

**Github:** <https://github.com/kimhongpham/ATM-SYSTEM>

- Built a Java OOP ATM simulation with PIN login, balance inquiry, withdrawal, deposit, and error handling (invalid PIN, insufficient balance).
- Implemented layered architecture with classes such as Account, Transaction, demonstrating clean encapsulation and responsibility separation.
- Integrated database persistence for accounts & transactions using JDBC, ensuring consistent state management across user sessions.