

HONG PHAM THI KIM

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SUMMARY

Software Engineering student with strong fundamentals in Java, Spring Boot, and SQL. Hands-on experience building backend systems, RESTful APIs, and deploying containerized applications. Solid understanding of OOP, DSA, and microservices basics. Eager to contribute as a Backend Java Intern at NAB, applying technical skills in real-world banking/fintech projects.

EDUCATION

University of Economics Ho Chi Minh City (UEH)

Bachelor of Software Engineering

Expected Graduation 2026

GPA: 3.7/4.0

TECHNICAL SKILLS

- **Languages:** Java, C#, JavaScript
- **Backend:** Spring Boot, Spring Data JPA, Spring Security (JWT)
- **Databases:** PostgreSQL, MySQL, MSSQL
- **DevOps & Tools:** Git, GitHub Actions (CI/CD), Docker, Docker Compose, Maven, Grandle
- **Concepts:** RESTful APIs, OOP, Microservices (basic), DSA

PROJECTS

Banking App – Microservices (Java Spring Boot) | GitHub

Oct 2025 | *Personal Project*

- Refactored ATM simulation into **microservices**: Auth, Account, Transaction.
- Implemented deposit/withdraw/transfer APIs with **@Transactional** and ACID compliance.
- Built API Gateway with Spring Cloud Gateway + JWT authentication.
- Orchestrated full stack with Docker Compose (backend, PostgreSQL, Redis, n8n).

Stock Price Tracker (Java + React + PostgreSQL) | GitHub

Aug – Sep 2025 | *Personal Project*

- Developed RESTful APIs with Spring Boot to fetch & store stock/crypto/forex data.
- Integrated external APIs (Yahoo Finance, Finnhub), persisted historical data in PostgreSQL.
- Secured endpoints using JWT; containerized backend & db with Docker.
- Automated CI/CD with GitHub Actions; deployed demo on AWS EC2.

ATM System (Course Project) | GitHub

Jan – Mar 2025 | *Team size: 3 | Role: Backend Developer*

- Designed and implemented REST APIs for ATM operations: withdrawals, transfers, account mgmt.
- Applied SOA principles and integrated with MySQL.
- Ensured security with JWT authentication; collaborated with frontend teammates.

ADDITIONAL INFORMATION

- **English:** TOEIC 630 (Reading-Listening); confident in technical communication.
- **Achievements:** Completed backend roadmap with 2 deployable projects (Stock Tracker, Banking App).