NGUYEN HOANG HUY

Java Developer

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ACADEMIC BACKGROUND

Aug, 2022 - Jun, 2026

HCMC University of Technology and Education- HCMUTE
Software Engineering - GPA: 3.0

SKILLS

- **Programming languages: Java** (Core, OOP, Multithreading), JavaScript (ES6+).
- **Backend Frameworks: Spring Boot** (MVC, Spring Data JPA, basic Spring Security)
- **Architecture & Messaging:** RESTful APIs, basic microservices concepts, **Kafka** (used in academic projects)
- **Databases: PostgreSQL**, MySQL; basic experience with **Redis** caching.
- **Tesing:** Unit testing with **JUnit** and Mockito.
- **Competitive Programming: Codeforces rating 1200+**
- **Other Frameworks & Libraries: ReactJS,** NestJS, ExpressJS.
- **English:** Technical reading, basic communication.

CERTIFICATES

- Software Development with Scrum (Axon Active Training Course).
- AWS Academy Graduate - Cloud Developing - Training Badge.
- AWS Academy Graduate - Cloud Foundations - Training Badge.

PROJECT EXPERIENCES

Drop-shipping Platform   June, 2025 - December, 2025
Stack: **Java Spring Boot (Microservices), ReactJS, PostgreSQL, Redis, Kafka, AWS.**

- **Architecture:** Designed and implemented Spring Boot microservices following Clean Architecture to support supplier, seller, and customer workflows.
- **Messaging:** Used **Kafka** for event-driven communication and asynchronous processing between services.
- **Performance:** Implemented **Redis caching** and optimized PostgreSQL queries to reduce API response latency.
- **Deployment:** Deployed services on **AWS EC2** with Elastic Load Balancing to ensure service availability.

Digital Healthcare System   Jan, 2025 - May, 2025
Stack: **Java Spring Boot, ReactJS, MySQL, Spring Data JPA, JUnit 5.**

- **Full-stack Development:** Built RESTful APIs using Spring Boot to manage patients, appointments, and medical records.
- **Data Persistence:** Implemented entity relationships and transactions with **Spring Data JPA**.
- **Testing:** Wrote unit tests for service-layer logic using **JUnit 5** and Mockito.
- **Security:** Applied **JWT-based authentication** and role-based authorization.

F&B Hub System (SaaS Platform)   Aug, 2024 - Dec, 2024
Stack: **Node.js, Express, ReactJS, MySQL, Figma.**

- Developed backend RESTful APIs for order management and QR-based menu access using Node.js and Express.
- Designed relational MySQL schemas to support multi-tenant restaurants, orders, and inventory management.
- Collaborated in a Scrum team of 4, participating in requirement analysis and code reviews.