

Duong Hoang Huy

Software Developer

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SUMMARY

Final-year Software Engineering student specializing in backend development with **Java and Spring Boot**. Experienced in building **RESTful APIs**, **real-time messaging (WebSocket)**, **asynchronous background jobs (RabbitMQ)**, and **microservices**. Proficient in **Docker**, **CI/CD (Jenkins)**, and **database management (SQL/NoSQL)**. Driven to collaborate in agile teams and deliver high-quality, scalable software solutions.

EDUCATION

Industrial University of Ho Chi Minh City

2022 – 2026

- Bachelor of Software Engineering – GPA: **3.73 / 4.00**
- Academic Excellence Scholarship (100% tuition) – Awarded for 6 consecutive semesters

CERTIFICATIONS & LANGUAGES

- **IELTS 6.5 (British Council)** – Intermediate proficiency in English communication

TECHNICAL SKILLS

Languages & Frameworks: Java, JavaScript, TypeScript, Spring Boot, React, Next.js, React Native
Databases: PostgreSQL, MySQL, MongoDB, Redis
Architecture & DevOps: Microservices, RESTful APIs, WebSocket, CI/CD, Docker, Jenkins
Tools & Cloud: Git, Postman, AWS S3

WORK EXPERIENCE

Beeyond - Software Engineer Intern

Mar 2025 – Jul 2026

AFARM – Smart Farm Management ERP

Mar 2026 – Jun 2026

Technologies: Spring Boot, Spring Data JPA, PostgreSQL, JaVers, Docker, React, TypeScript

Team size: 3 | **Role:** Backend Engineer / Database Architect

- Implemented an automated task generation system that parses variety-specific SOP templates to dynamically project seasonal tasks onto crop calendars
- Integrated JaVers and Spring AOP to build an audit-logging mechanism capturing property-level JSON diffs and metadata for critical entity modifications
- Created an asset tracking system to monitor equipment health, assign machinery to specific plots, and track maintenance progress
- Built a warehouse system to track material dispatching, link consumables to tasks, and automatically update real-time stock levels

FEATURED PROJECTS

Mediahub – Real-Time Messaging Platform (Zalo-like) [GitHub]

Dec 2025 – March 2026

Technologies: Spring Boot, MongoDB, Redis, Kafka, WebSocket, Jenkins, Docker

Team size: 5 | **Role:** Backend and Frontend Developer

- Developed backend services and RESTful APIs for a real-time messaging platform supporting one-to-one and group conversations
- Implemented WebSocket-based messaging to enable real-time communication between users
- Configured CI/CD pipelines using Jenkins to automate building, testing, and deploying each microservice independently
- Implemented Redis-based session management to control concurrent logins across multiple devices