



# THAI NGOC QUYEN

## JAVA BACK-END DEVELOPER

### PROFESSIONAL SUMMARY

Passionate about clean architecture, scalable systems, and team collaboration. Actively looking for a full-time role to apply my skills in enterprise-grade backend systems, and continue learning new technologies while contributing to team success.

### WORK EXPERIENCE

#### CNPT Technology Company — Back-end Developer Intern

July 2025

**Project:** Design a software system for managing criminal investigations in the US

**Team size:** 30 | **Tech:** Spring Boot, Kafka, gRPC, Feign Client, RSA, PostgreSQL, Docker, Microservices, Next.js, Agile

- Designed and implemented core backend services: Evidence, Suspect, and InvestigationPlan, using Spring Boot and PostgreSQL.
- Built inter-service communication with Kafka (event-driven) and gRPC.
- Used Feign Client for RESTful service calls across microservices.
- Secured inter-service authentication using JWT (with RSA encryption) and API-KEY verification.
- Collaborated in an Agile Scrum team, participated in daily standups and sprint reviews.
- Managed version control with Git, handled pull requests and resolved code conflicts.
- Successfully completed the internship with an “Excellent” performance review.

### PROJECTS

#### Restaurant Web Application

February 2025

**Team size:** 3 | **Role:** Full-Stack Spring boot & ReactJs

- Built a restaurant management system using Spring Boot, gRPC, MySQL, Docker, and React.
- Implemented modules for menu management, order booking, and customer feedback.
- Integrated REST APIs and gRPC calls between services for real-time communication.
- Deployed backend services using Docker Compose and tested via Postman.

Repository: FrontEnd - BackEnd

#### Patient Management System

May 2025

- Developed a patient management microservices system using Spring Boot, Kafka, gRPC, and PostgreSQL.
- Built modules for patient registration, appointment tracking, and medical history.
- Collaborated using Git and wrote unit tests with JUnit.
- Deployed backend services using Docker Compose.
- Delivered functional backend modules and passed unit tests with 95% coverage.

Repository: BackEnd

### EDUCATION

Bachelor of Engineering in Information Technology

September 2022

**Nguyen Tat Thanh University**, Ho Chi Minh City

(Expected Graduation: Feb 2026) — **GPA: 8.0/10**

- Awarded academic encouragement scholarships (2022, 2023, 2024)**

### CONTACT

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### SKILLS

#### Languages programing:

- Java, C#, Python, JavaScript

#### Frameworks & Libraries:

- Spring Boot, ASP.NET, Swing, React.js

#### Databases:

- PostgreSQL, MySQL, SQL Server, MongoDB

#### Tools & Platforms:

- Git, GitHub, Docker, Postman, Swagger

#### Concepts & Practices:

- Microservices, RESTful API, gRPC, Kafka, JWT, Agile/Scrum, Unit Testing (JUnit, Mockito)

### LANGUAGES

**Vietnamese:** Native

**English:** Intermediate (Able to read technical documents)