

# Tang Thanh Trung

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## About Me

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**Desired Position:** Intern Backend Developer

I am an Information Technology student aspiring to become a Backend Developer. I am eager to gain hands-on experience and practical knowledge to further develop my problem-solving skills.

## Technologies

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**Languages:** Java, JavaScript, TypeScript, Python

**Technologies:** Spring Boot, NestJS, ReactJS and NextJS

**Databases:** MySQL, SQL Server, PostgreSQL, MongoDB

## Projects

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**Recruitment Web Platform** (Personal Project)

- Users can register as either **candidates** or **employers**, with secure authentication integrated using **JWT**.
- Candidates can browse job postings, apply for positions, and communicate directly with employers via the built-in messaging feature.
- Employers can post job openings, review candidate applications, and chat directly with potential candidates.
- Implemented a **real-time notification system** using **Kafka** to deliver updates about new jobs, application status changes, and messages between users.
- Admins can manage user accounts, candidate profiles, and employer information.
- **Tools & Technologies:** NestJS, NextJS, MongoDB, Kafka, JWT
- **Front-end:** <https://github.com/ttt2205/UI-Job-Recruitment-NextJS-KLTN>
- **Back-end:** <https://github.com/ttt2205/Job-Recruitment-NestJS-KLTN>

**E-Commerce** (Personal Project)

- The project was developed with the goal of exploring and gaining practical experience with the **Microservice architecture**.
- Users can purchase products online through the website and track the status of their orders.
- Admins can manage user information, products, promotions, and view statistical reports.
- Implemented asynchronous order processing using **Kafka** to decouple services and improve system responsiveness.
- **Tools & Technologies:** Spring Boot, Spring Security (JWT), Spring Data JPA, Kafka, MySQL, API Gateway
- **Front-end:** <https://github.com/ttt2205/E-Commerce-FE>
- **Back-end:** <https://github.com/ttt2205/E-Commerce-SpringBoot-Microservice>

**E-Commerce** (Personal Project)

- Developed a microservice-based e-commerce platform to explore and gain hands-on experience with distributed system architecture.
- Built two main components:
  - An admin interface for managing products and orders.
  - A user-facing interface for browsing, purchasing products, and tracking deliveries with integrated payment features.
- Implemented asynchronous order processing using Kafka to decouple services and improve system responsiveness.
- **Tools & Technologies:** Spring Web, Spring Security (JWT), Spring Data JPA, Kafka, MySQL, API Gateway
- **Front-end:** <https://github.com/ttt2205/E-Commerce-FE>
- **Back-end:** <https://github.com/ttt2205/E-Commerce-SpringBoot-Microservice>

## Certifications

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TOEIC – Score: 650

2025

## Education

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Saigon University, Software Engineer

2022 – Present

- GPA: 3.07/4.0