

NGUYEN THI THUY TRANG

SOFTWARE ENGINEER (JAVASCRIPT/JAVA/TESTING)

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OBJECTIVE

- **Short-term goal:** Build a strong foundation in Fullstack Java development by improving my skills in Java, Spring Boot, SQL/NoSQL databases, and frontend technologies. I aim to apply these skills in real projects, learning how to develop reliable features, troubleshoot issues, and contribute effectively to both backend and frontend tasks.
- **Long-term goal:** Grow into a versatile professional who combines full-stack development experience with business analysis skills. My goal is to become a Business Analyst with a strong technical background—capable of bridging the gap between business users and technical teams, optimizing solutions, and contributing to both product quality and business value.

EDUCATION

HO CHI MINH UNIVERSITY OF TECHNOLOGY AND EDUCATION

2022 - present

Information Technology

- **GPA:** 8.33/10
- **Numbers of credits:** 125
- **TOEIC (LISTENING & READING):** 615

EXPERIENCES

PROJECT: AN AGRICULTURAL PRODUCT DISTRIBUTION AGENCY MANAGEMENT SYSTEM WITH ORACLE 06/10/2025 - 20/10/2025

Team: 4 members (<https://github.com/nguyentrang4052/Database-Security.git>)

- **My role:** Create connection and user authorization in Oracle. Backend & Frontend for product and customer management, part for creating purchase orders. Implement Oracle policies through the interface
- **Description:** Build an agricultural product dealer management system including: managing agricultural products, customers, employees, work schedules, transaction sessions, creating orders, monitoring and editing agricultural product information using Oracle database. From there, implement Oracle's security policies through the system interface.
- **Technologies Used:** C#, WPF, Oracle

HITEK SOLUTION JOINT STOCK COMPANY

01/07/2025 - 30/09/2025

BUSINESS ANALYST INTERN

-Participate in learning:

- Analyzed business processes and data structures for the Inventory module.
- Created SQL queries and ERD diagrams to support inventory reporting.
- Designed warehouse workflows and reporting database models.
- Explored Moodle platform architecture and proposed a real-world implementation plan.

PROJECT: CHINOOK MUSIC WAREHOUSE DESIGN

04/2025 - 05/2025

Team: 4 members (<https://github.com/nguyentrang4052/ChinookMusicDW.git>)

- **My role:** Define business process, ETL, create report by Power BI
- **Description:** Conduct data warehouse design for Chinook Music to create visual reports for the business requirements of the enterprise
- **Technologies Used:** SQL Server, ETL, OLAP, Power BI

PROJECT: COMESTIC WEBSITE ONESHOP

11/2024 - 01/2025

Team: 4 members (<https://github.com/MinhTrung9443/WebProject.git>)

- **My role:** Backend & Frontend on main functions including: user management, categories, promotions, carriers and user search
- **Description:** Build a cosmetics website that focuses on ordering, product and user management, promotion management, catalog
- **Technologies Used:** Java 21, Spring Boot 3, Thymeleaf (Server-Side Rendering), SQL Server, CSS, JavaScript

SKILLS

TECH SKILLS

- Data analysis tools: Power BI
- Database: SQL (SQL Server, MySQL, Postgres, Oracle), NoSQL(MongoDB)
- Tools: Git, Github, VS Code, Postman
- Basic knowledge: Python, C#, C++, Java
- Diagram drawing tool: draw.io, StarUML

SOFT SKILLS

- Analytical thinking, Communication skills, Collaboration and teamwork, Adaptability

ACTIVITIES

INFORMATION TECHNOLOGY FACULTY UNION, HO CHI MINH UNIVERSITY OF TECHNOLOGY AND EDUCATION

05/05/2024 - 26/05/2024

Member

- Participate in the 17th Mastering IT HCMUTE Traditional Academic Competition 2024

STUDENT ASSOCIATION OF HO CHI MINH UNIVERSITY OF TECHNOLOGY AND EDUCATION

22/03/2023 - 19/04/2023

Member

- Participate and Set a Vietnamese Record for the event of assembling the map of Vietnam, singing the National Anthem and Student Song in unison with the most students participating towards the 50th anniversary of the Liberation of the South and National Reunification

AWARD

"Five-Good Student" Award – Student Union Level, 2023-2024 school year

26/02/2025