

DANG VAN NAM

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PROFESSIONAL OBJECTIVE

Final-year Software Engineering student at Duy Tan University, with a strong foundation in **Python**, **Java**, **C**, and web frameworks (**Django**, **FastAPI**, **ASP.NET**, **Spring Boot**). Ready to apply knowledge of **Leader** roles and **Agile Scrum** processes in a professional environment. Eager to leverage both **Backend/Full-stack Development** capabilities to build products and specialized **Automation Testing (Java/Selenium)** skills to ensure comprehensive software quality.

PROJECT EXPERIENCE

FAMILY SUGGESTION SYSTEM

Feb 2025

- **Role:** Project Leader. Responsible for database design (MySQL), programming the entire Backend API (Python/FastAPI), and developing the Crawling Tool with Python/Selenium to gather source data.
- **Core Functionality:** Programmed logic to suggest food suitable for user health based on their health history.
- **Performance Optimization:** Integrated Redis Caching to store temporary data, significantly reducing query processing time to the MySQL DB.
- **Process:** Operated and managed the project using the Agile Scrum model.
- **Technologies:** Python, FastAPI, React, Redis, MySQL.

AI PRODUCT RECOMMENDATIONS FOR E-COMMERCE

Sep 2024

- **Role:** Project Leader. Responsible for database design, served as the main Backend developer (Python/Django), and also developed the Crawling Tool with Python/Selenium to gather data for the website.
- **Core Functionality:** Built a personalized product recommendation platform based on user interaction data on the system.
- **Performance Optimization:** Applied Redis Caching, significantly reducing query processing time to the MySQL DB, improving user experience.
- **Process:** Built and deployed the project following the Agile Scrum model.
- **Technologies:** Python, Django, React, Redis, MySQL.

EDUCATION & CERTIFICATION

EDUCATION 2021 – 2025 Bachelor of Software Engineering at Duy Tan University

PROFESSIONAL TRAINING

Software Testing Course (Manual & Automation)

CyberSoft Academy

- Content: Completed specialized training in Test Case Design, API Testing, and **Automation Testing** (using Java/Selenium WebDriver, TestNG).

Cyber Security Certificate

AGEST (Sep 2024)

PROFESSIONAL SKILLS

Programming Languages	PYTHON, JAVA, C#, C/C++
Web Frameworks	DJANGO, FASTAPI, SPRING BOOT, ASP.NET
Testing & QA	Automation: Java, Selenium WebDriver, JUnit/TestNG. Manual: Test Case Design, Test Planning, API Testing (Postman).
Databases	MySQL, SQL Server, MongoDB, Redis
Tools & Others	Git, Agile Scrum (Project Management) , Selenium (Data Crawling) , Visual Studio, PyCharm, VS Code, Postman.