

LUU THI TO AN

ANNA



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EXPERIENCE

- Languages: Python, Java, JavaScript, C
- Web: HTML, CSS, JS
- Database: MySQL, Xampp
- Tools: Git, VS Code, Trello, Postman
- Others: Data Analysis (basic understanding)



EDUCATION

Course: 2022 - 2027

Vietnam - Korea University of
Information and Communication
Technology

GPA : 3.44 /4.0

Industry: IT engineer



PROFILE

I'm a third-year IT Software Engineering student with a strong interest in Python programming and its applications in web development and data processing.

Throughout my academic journey, I've focused on building a solid foundation in backend development using Python frameworks, while also exploring frontend technologies to understand the full development cycle. Although I'm still gaining experience, I'm passionate about writing clean, efficient code and constantly seeking opportunities to apply Python to solve real-world problems.

Below is a summary of my educational background and the technical skills I've been developing.



SKILLS

Creative



Teamwork



Innovate



- Quick learner, eager to take on new challenges
- Strong communication & teamwork skills
- Responsible, detail-oriented, and always open to feedback



MY PROJECTS

PyWork – Chat, Meeting & Work Collaboration Platform

Built a real-time web app for chatting, video calling, screen sharing, and team communication. Developed using vanilla Python, Flask, WebSocket, and MySQL.

Heart Disease Prediction System

Implemented a machine learning pipeline in Python to predict heart disease risk using real patient data. Used scikit-learn, Pandas, and data visualization tools.

Intelligent Timetable Optimization Using ViT5 NLP and NSGA-II Algorithm

Developed a smart timetable in VKU generator that parses Vietnamese natural language input using ViT5 and optimizes multiple scheduling constraints via NSGA-II. Integrated with n8n for automated workflow orchestration. Tech stack includes Python, MongoDB, and ReactJS.

Solar System Simulation with Comet Animation

Created a 3D solar system visualization in C++ with OpenGL, featuring orbiting planets, day-night transitions, and a flying comet with trail effects.

Learning Management System (LMS) for VKU

Built an academic platform to provide students and lecturers at VKU with access to course catalogs, approved syllabi (with decision codes), and teaching/learning materials. Focused on organizing structured program data for ease of search and use.

Online Store Management System

Developed a full-stack e-commerce system to manage products, orders, and user roles. Used Java (Spring Boot) and MongoDB for the back-end, and Angular for the front-end interface

Thanks for reading !!!