



UMANDA WANNINAYAKE

ICT Undergraduate

About Me

Third year Information and Communication Technology Student at Faculty of Technology in University of Sri Jayewardenepura. I'm Looking for a Software Engineering Internship to leverage technical proficiency, problem-solving skills, and collaborative teamwork in a dynamic learning environment.

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🐙 [Github.com/RaviX27](https://github.com/RaviX27)

Skills

- Java
- React
- JavaScript
- SQL
- Python
- C#
- Machine Learning
- Data Structure
- Communication

Certifications

IBM | Introduction to Cloud Computing
SLIIT | AI / ML Engineer - Stage 1
Standford Online | Algorithm Specialization

Projects

Recipe Tracker

Developed a Recipe Tracker using the MERN stack, integrating MongoDB, Express.js, React.js, and Node.js. Material UI was employed for the frontend, and Axios handled backend communication. The app facilitates easy organization of recipes, showcasing my skills in full-stack development, frontend design, and efficient data exchange.

Huffman File Compression

Implemented Huffman File Compression using Angular for the frontend and Spring Boot for the backend. Utilized Java for developing the Huffman data structure. This project demonstrates expertise in integrating Angular and Spring Boot to create an efficient file compression application.

Multilingual Spam Detector

Developed a multilingual spam detector using Naive Bayes machine learning in Python. Integrated a Java Android mobile application as the frontend, connecting it to the backend through a Flask API. This project showcases the use of machine learning for spam detection, cross-language implementation, and efficient backend-to-frontend communication in a mobile application

Inventory Management System

Designed and implemented a comprehensive inventory management system utilizing C# to address the specific needs of businesses requiring meticulous control over their stock. This dynamic solution integrates real-time tracking, automated alerts, and robust data security into a cohesive platform. By bidding farewell to stock outs,

Education

University of Sri Jayewardenepura

2021 – Present

Bachelor of Information and Communication Technology

Relevant coursework : Object Oriented Programming, Machine Learning, Web Development, Data Structure and Algorithm, Database System, Service Oriented Architecture and Web Service.

References

Reference available upon request