Imasha Nawodi

B.Sc. (Hons) in Computer Engineering
UNIVERSITY OF RUHUNA

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SUMMARY

As a 3rd-year undergraduate student pursuing a degree in Computer Engineering, I am passionate about full-stack development utilizing cutting-edge technologies. Practicing in both frontend and backend development, I thrive in creating dynamic and responsive web applications. With a strong foundation in programming languages such as JavaScript, HTML, CSS, and experience with frameworks like React.js and Node.js, I am committed to continuous learning and staying updated with the latest advancements in the field.

EDUCATIONAL QUALIFICATIONS

University of Ruhuna (2021-Present)
   Faculty of Engineering
   B.Sc. (Hons) in Computer Engineering
Ananda Sastralaya,Mathugama
   2019 GCE A/L (District Rank -45)

TECHNICAL SKILLS

Language	– Java, JavaScript
Web Development & Frameworks	– React, Nodejs(express), Html, CSS, Java Script
Database	– Mongo dB, MySQL
Tools	– Postman,Visual Stduio IDE ,Visual Code IDE, Android Studio
Version Control	– Git, GitHub
Project Management	– Jira, Agile
Familiar with	– MVC architecture, Linux

LICENCE AND CERTIFICATIONS

Python Advanced(MIHA Institute)
Web Design for Beginners(CODL,University of Moratuwa)
Certificate Course in Microsoft Office (University of Kelaniya)

PROJECTS

1. Motor services and wash web application

I worked on an exciting project called the Motor Services and Wash Application. This project aimed to simplify the process of booking motor services and washes for users. It lets people make accounts, book services, and manage their bookings easily.

Frontend: React.js, Tailwind CSS   Backend: Node.js, Express.js, MongoDB
Additional Tools:Postman (API testing),   Architecture: MVC

2. Procurement Management System for Faculty of Engineering -Group Project(backend-frontend)

The system streamlines and automates various processes related to goods procurement, ensuring efficiency and budget compliance. In the heavy work loaded environment of the Finance division, Faculty of Engineering, University of Ruhuna, effective procurement management takes vital aspect in the organizational structure. Our motive is to solve existing issues and barriers in the current manual procurement procedures by encouraging a transition toward a more efficient and technologically advanced Web Procurement Management System (PMS) in FoE, UoR.

Frontend   : React.js, Tailwind CSS   Backend: Node.js, Express.js, MongoDB
Additional Tools: Nodemailer(email sending) Postman (API testing)   Architecture: MVC

3. Home Appliances Energy prediction using machine learning model -Group Project

Train two machine learning models for predict appliances energy prediction using two algorithms.
Technologies : Python ,EDA , Machine Learning , Data Visualization

4. Mobile Application for buying and selling- Group Project(frontend)

Pre-owned Products Marketplace is a mobile application designed to facilitate the buying and selling of pre-owned items. Users can engage in the circular economy by extending the lifespan of goods such as books, clothing, electronics, and more. Using our mobile app, users can create an account and log in to the app. After that user can see the categories of items such as books, clothes, mobiles, laptops, etc. And also users can search for items based on category and price range. Also, users can add items to the cart and can buy them communicating with the product owner. As well as user can sell their used products through the app. Through this project, we aspire to contribute to a more sustainable and responsible consumer culture.
Frontend: Flutter   Backend: Dart   Database & Authentication: Firebase

5. Movie Review App –Ongoing

I am working on an exciting project called movie review app. I'll create our own API and an admin panel to upload movies, along with an app for regular users. I am using Node.js, Express, React (functional components), MongoDB, Tailwind, Mailtrap, Cloudinary and more. The entire frontend will be built using React Functional components and Context API.

EXTRA-CURRICULAR ACTIVITIES

Volunteer to conduct "Mehewara" seminar for ordinary level students

MEMBERSHIP

The Institute of Engineering Sri Lanka (IESL)
The Institute of Electrical and Electronics Engineers (IEEE - 99231447)

REFERNCES

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