Bingum de Alwis

Intern Software Engineer

⊙ Horana   ☎ 0704859053   @ hpbdealwis@gmail.com

Profiles

    ⊙ Bingum-de-Alwis   in Bingum de Alwis

Summary

Aspiring Software Engineering undergraduate with a strong interest in web development, cloud computing, and AI. Seeking to leverage skills in JavaScript, Java, Web development, Cloud Computing and DevOps within a technology-driven environment. Demonstrated experience as a team leader, thriving in collaborative and dynamic settings. Motivated to learn and apply technical expertise in a fast-paced, technology-driven environment.

Education

University of Plymouth (UK) | NSBM Green University   **October 2022 - Present**

BSc (Hons) in Software Engineering

Projects

Mebius: E-Commerce System

Stack: MERN (MongoDB, Express.js, React.js, Node.js) Developed a fully functional e-commerce platform with a responsive React.js frontend, product browsing, cart management, and secure user authentication. Building backend APIs to manage orders and user data efficiently

   🔗 https://github.com/Bingum-de-Alwis/Mebius-ecommerce

Sportswear: E-Commerce Clothing Platform

Stack: MERN (MongoDB, Express.js, React.js, Node.js), Docker Developed a fully functional e-commerce platform with a responsive React.js frontend, product browsing, cart management, and user authentication. Built backend APIs to manage orders and user data.

   🔗 https://github.com/Bingum-de-Alwis/sportswear-ecommerce

Paddy Doctor

Paddy Disease Detection Platfrom powered by AI

   🔗 https://github.com/Bingum-de-Alwis/Paddy-Doctor-

The **Paddy Disease Detection System** is a full-stack AI-powered web application that detects and classifies paddy (rice) plant diseases using a custom-trained machine learning model. Built with React.js, TypeScript, Tailwind CSS, and Vite on the frontend, and Flask with TensorFlow on the backend, the system offers real-time image-based diagnosis. It features a secure authentication flow via Clerk, multilingual support through i18next, and integrates MongoDB for data storage. A key addition is the AI chatbot powered by the Google Gemini API, which provides users with intelligent support and agricultural guidance. This project showcases skills in full-stack development, ML model deployment, conversational AI, API integration, and responsive UI/UX design.

Hostel Management Web Application

Stack: HTML, CSS, JavaScript, PHP, MySQL Developed a web application for managing hostel accommodations for university students.Created a dynamic system for room booking, allocation, and vacancy management.Implemented a student registration and login system with secure user authentication.Developed an admin dashboard for managing rooms, tracking student records, and generating reports.Utilized MySQL for efficient data storage and retrieval of student and room information.

   🔗 https://github.com/Bingum-de-Alwis/Hostel-finder

Skills

JavaScript	**Java**	**C**	**C#**	**TypeScript**
React	**Tailwind CSS**	**Node.js**	**MySQL**	**MongoDB**
SQL Server	**Express.js**	**PHP**	**HTML**	**CSS**
Flutter	**Git / GitHub**	**Docker**	**REST API**	**Mongoose**

Certifications

Oracle Cloud Infrastructure 2024 Generative AI Certified Professional

   🔗 https://catalog-education.oracle.com

Oracle Cloud Data Management 2023 Certified Foundations Associate

   🔗 https://catalog-education.oracle.com

Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate

   🔗 ttps://catalog-education.oracle.com