Asanka Wickramasurendra

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ABOUT ME

Motivated Software Engineering undergraduate with academic experience in developing web and mobile applications, database management and deployments. I am proficient in languages and technologies like React, Firebase, Node, JavaScript and Flutter. Also I have great understanding of Software Engineering Life Cycles, and OOP concepts as well.

EDUCATION

Sri Lanka Institute of Information Technology.

Bachelor of Science – BSc , in Information Technology Specialized in Software Engineering.

Ibbagamuwa Central College

Physical Science – 2020

PROJECTS

- **Maternity Mate**

    Built using **React Native** for Cross-Platform compatibility and **Firebase** for real-time databse management and user authentication. Key features include online doctor appointment booking, symptom tracking, personalized nutrition plans, exercise recommendations and essential pregnancy guidance. Focusing on delivering a user-friendly interface and reliable performance to enhance maternity care accessibility.

- **Floral and Event Management System**

    Developed using **MERN** stack to deliver a seamless online flower shopping experience. Used **Redux Toolkit** for state management .Implemented the **Model-View-Controller** (MVC) architecture to ensure a clean separation of concerns, enhancing maintainability and scalability. Key features include user authentication, product management, shopping cart functionality, and secure payment processing.
- **Ishop Mobile Application**

This project is a mobile application that helps visually impaired persons shop independently in the supermarket. Voice commands help users manage shopping lists, and users can even know the crowd count before shopping at their selected supermarket. The application was developed using **React Native** and **Firebase** for the database. A **Python** script is written for crowd count estimation. The desktop module was developed for supermarkets to manage shelves and products.

- **Eaton Cleaning Service Web Application**

  Eatoncleaning.com is a web application developed using **MERN** stack for easily manage cleaning appointments and services on their business. Key features include user authentication, service scheduling, and real-time updates.

- **Socially - Flutter Individual Project**

  Developed a social networking application using **Flutter,** Integrated **Firebase** for real-time data synchronization and user authentication, enhancing the application's responsiveness and security. Key features include user registration and login, profile creation, post sharing. Focused on clean code practices in this project

  Video : click here

SKILLS AND CERTIFICATIONS

- Programming Languages: Java, JavaScript
- Frameworks and Libraries: React, Node, Flutter, Java EE
- Web Technologies: HTML, CSS, Tailwind CSS, RESTful APIs
- Tools and platforms: Git, Github
- Soft-Skills: Excellent Time Management, Problem-Solving and Collaboration