

Sahan Kavishka Wijesekara

Software Engineering Undergraduate

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SUMMARY

Passionate third-year Software Engineering undergraduate skilled in full-stack development using tools such as ReactJS, NodeJS, Express, and MERN stack. Proficient in mobile application development with Kotlin, and experienced in working with databases like MongoDB, MySQL, and SQL Server. Strong problem-solving abilities and eager to innovate through impactful software solutions.

EDUCATION

Sri Lanka Institute of Information Technology: BSc (Hons) in Information Technology Specialized in Software Engineering	Oct 2022 – Present
<ul style="list-style-type: none">Expected Graduation Date:CGPA: 2.77	Oct 2026
Debarawewa Central Collage: GCE Advanced Level, Physical Science Stream	2018 – 2021

SKILLS

Frontend Development | ReactJS, HTML, CSS, Bootstrap, JavaScript, Flutter

Backend Development | NodeJS, Express, Java, PHP

Databases | MongoDB, Firebase, MYSQL, SQL Server, SQLite

Programming Languages | C, C++, JAVA, Python, R

Mobile Application Development | Kotlin, Flutter

Operating Systems | Ubuntu

PROJECTS

Restaurant Management Web Application:

- Technologies Used:** MERN Stack (MongoDB, Express.js, React, Node.js).
- Project Description:** Developed a comprehensive web application for managing restaurant operations, including inventory management, menu management, and order management. The application streamlines processes to enhance efficiency and improve customer service.
- Responsibilities:** Contributed to the **inventory management** system, allowing for the addition, updating, and deletion of inventory items.

Ecocollect Mobile Application – Online Garbage Management System:

- Technologies Used:** Flutter, Firebase (Firestore, Authentication).
- Project Description:** Developed a mobile application focused on efficient waste collection and sustainable city management. The *Ecocollect* app allows users to schedule garbage pickups, submit complaints, and manage user profiles, contributing to cleaner urban environments.
- Responsibilities:** Built **user management functionality** enabling user registration, login, profile viewing, and updates.

Interactive Math Quiz Application:

- Technologies Used:** HTML, CSS, JavaScript.
- Project Description:** Developed a web-based math quiz application that provides users with interactive math problems to solve within a set time limit.

Train Ticket Reservation System:

- **Technologies Used:** Java, MySQL Workbench.
- **Project Description:** Developed a web application for train ticket reservations, enabling users to book, modify, and cancel tickets easily. The system streamlined the ticketing process and improved user experience.
- **Responsibilities:** Implemented the train ticket booking functionality, allowing users to search for available trains and book tickets based on their preferences.

Customer Services Web Application:

- **Technologies Used:** HTML, CSS, JavaScript, PHP, XAMPP Server.
- **Project Description:** Developed a web application providing users with access to key services, including food and beverage, healthcare, and financial assistance, to enhance convenience and streamline service access.
- **Responsibilities:** Designed and implemented the user feedback management feature, enabling users to submit, update, and delete their feedback on services received.

COURSE WORKS

- Object-Oriented Programming (C++ and JAVA)
- Database Management System (Oracle and SQL)
- Data Structures and Algorithms
- Probability and Statistics
- Computer Networks
- Mobile Application Development
- UI/UX Engineering

LANGUAGES

- Sinhala (Native)
- English

REFERENCE

THULAKSHI MADHUSHIKA

Consultant - Data Engineer Virtusa Pvt. Ltd.

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UPULA PERERA | Electronics Engineer.

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