

SHEHARA KARIYAWASAM

INTERN SOFTWARE ENGINEER

ABOUT ME

Hardworking, motivated, and enthusiastic recent software engineering graduate, seeking an internship to expand my knowledge of emerging technologies and build my future in the IT industry. Quick learner with strong problem-solving skills, ready to contribute effectively to projects and make a meaningful impact. I have the ability to self-learn and apply new skills to relevant fields.

PROJECTS

Mobile Based Sign Recognition System Using DL for ASL

Backend : Built with Firebase to manage user data, sign language gesture recognition, and real-time communication. Integrated Deep Learning models for gesture-to-text translation and used Google Speech APIs for voice interactions.

Frontend : Developed using Flutter for cross-platform mobile apps. Integrated camera for gesture capture and Google Speech-to-Text/Text-to-Speech for two-way voice communication. Two Simple games using dart for learning.

<https://github.com/sheysheha/Mobile-Based-Sign-Langugage-Recognition-System-Using-Deep-Learning-Frontend.git>

Expenxe Tracker App

Backend : Built with Node.js and Express.js, offering a robust and scalable API to handle user authentication, data management, and transaction processing. Integrated with MySQL for efficient storage of user and expense data.

<https://github.com/IAP-Intake-01/Personal-Expense-Tracker-api-Shehara.git>

Frontend : Developed using React, providing a responsive and intuitive interface for users to easily track and manage their expenses. Features include adding, editing, and categorizing expenses, along with real-time data updates.

<https://github.com/IAP-Intake-01/Personal-Expense-Tracker-Web-Shehara.git>

Blog App

Frontend : Developed with React.js and Tailwind CSS, offering a responsive UI with React Router Dom for dynamic pages. Features include advanced search, filtering, sorting, and dark mode. Users can interact by leaving, editing, and deleting comments, while admins can manage posts, comments, and users securely.

Backend : Backend: Built with Node.js and Express.js, providing a secure API for authentication with JWT and Google OAuth. MongoDB handles user accounts, posts, and comments, supporting full CRUD operations for efficient content management.

<https://github.com/sheysheha/Blog-App.git>

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EDUCATION

2024

ACPT

- Internship Acceleration program

2023 - 2024

UNIVERSITY OF WOLVERHAMPTON

- BSc (hons) in Computer Science (Software Engineering) - First Class

2022 - 2023

LONDONTEC CITY CAMPUS

- Pearson HND in Software Engineering

2014 - 2017

ANULA VIDYALAYA

- GCE A/L - 2017 (Biology Stream)

2005-2014

COLOMBO SOUTH INTERNATIONAL COLLEGE

- GCE O/L - 2014

SKILLS

- Java
- JavaFx
- JavaScript
- Spring Boot
- Express.js
- Flutter
- JWT
- MySQL / MongoDB
- Maven/ Gradle/ Artisan
- NPM
- Tailwind/Bootstrap
- Python
- Git/ GitHub
- AWS
- React
- ReactNative

LANGUAGE

- Sinhala (fluent)
- English

Restuarant App

Frontend : Developed a fully Functional web Application for a fast food Restaurant to place orders online using HTML CSS and JS.

<https://github.com/sheysheha/Restuarant-App.git>

Real Estate App

Frontend : Developed with React.js and Tailwind CSS, offering a responsive interface with dynamic page routing using React Router Dom. The frontend includes advanced search functionality, enabling users to search, filter, and sort property listings easily. Additional features include image uploads, user-friendly property management, and a seamless experience across devices, with dark mode for enhanced usability.

Backend : Built with Node.js and Express.js, providing secure user authentication using JWT, Firebase, and Google OAuth. The backend supports real-time property listing management with MongoDB, allowing for full CRUD operations on property details, user accounts, and transactions.

<https://github.com/sheysheha/RealEstate-APP.git>

Personal Portfolio

Frontend : Built with HTML, CSS, Tailwind CSS, and JavaScript, this app offers a responsive and interactive Personal Portfolio. It showcases projects, skills, and achievements in an organized and visually appealing layout, optimized for all screen sizes. The sleek design ensures smooth navigation and highlights the user's expertise effectively.

<https://github.com/sheysheha/Student-Management-React-Native-App.git>

Student Management React Native App

Frontend : Built with React Native, this app offers a responsive interface for managing student profiles, grades, and attendance. It features easy navigation, CRUD operations, secure user authentication, and real-time updates. The design is clean and intuitive, with Tailwind CSS for styling.

<https://github.com/sheysheha/Student-Management-React-Native-App.git>

Online Course Management System

Backend : Built with Spring Boot, this app provides secure JWT-based authentication and role-based access for instructors and students. It features REST APIs for managing courses and uploading materials (PDFs, videos) with a one-to-many relationship. Data is managed using MySQL, ensuring efficient and reliable performance.

<https://github.com/sheysheha/Online-Course-Management-System-Backend.git>

Frontend : Built with React, this app delivers a responsive and user-friendly interface for instructors to manage courses and students to browse and download materials. It includes intuitive dashboards, secure authentication, and modern styling with Tailwind CSS and Material-UI.

<https://github.com/sheysheha/Online-Course-Management-System-Frontend.git>

REFERENCES

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