OSHAN MADAWA

Full Stack Developer

ABOUT ME

An energetic, versatile, and highly dedicated person who is passionate to do hard work and achieving goals

CONTACT

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EXPERTISE

- Programming Languages

  Java | Python | C
- Web Development

  ReactJS | HTML | CSS | Node JS
- App Development

  React Native | Flutter

EDUCATION

University of Moratuwa   **2021-2025**

Bachelor of Science(Hons) in Computer Science and Engineering
- Current GPA: 3.34

Rahula College Matara   **2013-2019**

Secondary Education
- G.C.E. Advanced Level Examination : 3 As | Z score : 2.58 | Island Rank : 142

PROJECTS

Cosmic Ways
(Space ship Booking App - TECH-TRIATHLON)

- It is an innovative mobile application designed for space travel.
- This competition was held in three stages. In the first stage, we came up with a design for the app using Figma and Balsamiq. In the next stage, we implemented the mobile app. In the final stage, we came up with a deep neural network that was capable of identifying brain tumors in space travelers
- **Technologies:** React Native, MySQL, Firebase, Node JS

Leo Scroll

- 📀 medium.com/leo-scroll
- This is a social platform for all the Leos from around Sri Lanka to publish their work with the community.
- **Technologies:** Flutter, Dart, Java, Firebase, Node.js
- **Awards: -** Most Innovative Project
  - Best Project Organized on behalf of the Leo Multiple District

Email Client

- Command-line-based email client with a versatile feature set.
- This project included recipient management, automated birthday greetings, and email sending capabilities. Notable aspects of the project encompassed file handling, object serialization, and robust command-line functionality
- **Technologies:** Java

Pint OS (operating systems)

- Implemented in C, and covers key OS concepts like process management, memory management, file systems, and system calls.
- It offers a realistic simplified environment to gain practical experience in OS development while fostering a strong understanding of operating system principles.
- **Technologies:** C

ONGOING PROJECTS

DriveSmart

- It is an innovative online learning web application and mobile application designed to revolutionize the process of preparing for driving license tests in Sri Lanka.
- It includes instructional videos, interactive quizzes, video-based quizzes, and specialized exercises for recognizing road signs.
- **Technologies:** ReactJS, React-Native, Node.js, MongoDB, ExpressJS, AWS

TalkTogether
(Multi-language Translation Service - CODE BLAST)

- TalkTogether is an innovative mobile app designed to bridge language barriers by providing real-time translation for voice calls.
- **Technologies:** Flutter, Dart, Firebase, Node JS

Meta Exams

- The main goal of this project is to place Meta Learning among Sri Lankan Citizens. Therefore an online exam platform is planned to be introduced.
- **Technologies:** ReactJS, MySQL, Firebase, Node.js

EXTRACURRICULAR ACTIVITIES

- **Director of Web**
  Leo Club of University of Moratuwa (UoM Leos) 22/23
- **Badminton**
  I played in the University Badminton Team for the UMISF badminton tournament 2023

VOLUNTEERING EXPERIENCE

- **Leo Club of University of Moratuwa**
  - Director | Project 'Web Development Workshop' (For Leos) | 2022
  - Chairman | Project 'Senehase Awurudda' (Celebrate Sinhala and Tamil New Year with differently-abled children and adults) | 2022
  - Co-Chairman and Treasurer | Project Leap'22 Phase 1 | 2022

- **IEEE Student Branch University of Moratuwa**
  - Volunteered in "Rise Up Mora 2022" - Contributed to develop the interview web portal
  - Volunteered in ""Gammaddata IEEE Api" - Technical Team

- Database
  MySQL | MongoDB
- IDEs
  Visual Studio Code | IntelliJ | Android Studio | CLion
- Version Controlling
  Git
- Other
  Figma

OTHER SKILLS

- Quick Learning
- Team Working
- Leadership
- Management Skills
- Adaptability

REFEREES

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