



Oshan Madawa

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About Me

A self-motivated and highly dedicated person who is passionate to do hard work and achieving goals

Skills

- Programming Languages:** Python | Java | C | C++
- Technical Fields:** Full Stack Development | Machine Learning
- Databases:** MySQL | MongoDB | PostgreSQL
- Tools & Services:** NodeJS | Git | GitHub | Docker | Jira | AWS | Figma
- Frameworks:** React | Express | IntelliJ IDEA | Visual Studio

Highlights

- mSpace Code Blast National Hackathon 2023:** Finalist | Built a Multi-language Translation Service
- MoraXtreme 7.0 2022 :** Rank 54
- Extra Curricular Activity :** Content Creating, Video Editing
- Sports :** Badminton, Muay Thai

Education

Bachelor of Science, Computer Science & Engineering.

University of Moratuwa

2021 - Present

Rahula College Matara

2013 - 2019

- G.C.E A/L 2019: 3A Passes (Physical Science Stream)
- G.C.E O/L 2016: 9A Passes

Certifications

- Supervised Machine Learning: Regression and Classification - **DeepLearning.AI**
- Introduction to Generative AI - **Google**
- Introduction to Large Language Models - **Google**
- JavaScript Essential Training - **LinkedIn**
- Front-End Web Development with React - **Coursera**

Experience

Karmo (Pvt) Ltd

Software Engineering Intern

- Full Stack Development | ReactJS, NodeJS, PostgreSQL, TypeScript, Tailwind CSS

Director of Web

UoM Leos 22/23

- Conducted a Web Development Workshop for Leos
- Started a Web Development Competition called Devathon 1.0
- Developed Leo Scroll App

Projects

Explainable ML models for analyzing Emotional Valence from fMRI data (FYP)

- Interpret the prediction model in the standard MNI brain space
- Improving feature extraction by clustering similar voxels
- Implement GNNs to capture complex relationships in graph-structured data.

DriveSmart - Driving License Test Application

- 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

Customer Score Engine

- One of my Intern Project
- The KYC product for the new customer onboarding system and evaluate the existing customers

VoteZone - Online Voting Platform

- VoteZone is a web-based online voting system that helps to manage elections easily and securely.