MALEESHA KOLOMBAGE

Software Engineer Intern

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ABOUT ME

Self-motivated and adaptable IT undergraduate at the University of Moratuwa, seeking a Software Engineering internship. Passionate about full-stack development and web development. Interested in contributing to dynamic teams, learning continuously and growing as a developer.

EDUCATION

University Of Moratuwa - Faculty Of Information Technology (2023 - Present)

Bachelor of Science (Hons) in Information Technology
CGPA - 3.68 / 4.0 (3.77 GPA in Semester 1)

Southlands College, Galle (2007 - 2021)

GCE A/L 2021 - Physical Science
Z-score - 1.72 - Combined Mathematics (A), Physics (A), Chemistry (C)

GCE O/L 2017 - 8A's, 1B (IT - A)

TECHNICAL SKILLS

- **Programming Languages:** C, Java, Python, JavaScript
- **Front-End Technologies:** ReactJS, NextJS, HTML, Tailwind CSS
- **Back-End Technologies:** NodeJS, ExpressJS
- **Database:** MySQL, MongoDB
- **Tools:** GitHub, Figma, Lucid Chart
- **Development Environment:** VS Code

PROJECTS

SkillSwap (Ongoing) (2025)

A peer learning platform where individuals can share their knowledge with others and gain the needed knowledge from others.

Contribution: Full Stack development.
Tech Stack: MERN
GitHub Repository Links: Github Repository - Frontend
                               Github Repository - Backend

Hybrid Workspace Management System (HWMS) (2024 - 2025)

Second Year Software Development Project - Collaboration with **Wiley Global Technologies**

A hybrid workspace management system for parking and seating reservations with real-time updates, visual dashboards and an admin panel that simplifies the entire experience.

Contribution: Full-stack development of sign in and sign up with role management, admin dashboard and team management modules.
Technologies Used: ReactJS for frontend, NodeJS+Express for backend, MongoDB for data storage
GitHub Repository Links: *Github Repository - Frontend*
                               Github Repository - Backend

Sentiment Analysis Web App (2025)

A simple but practical implementation of Sentiment Analysis using machine learning. It classifies customer reviews as either Positive or Negative, based on text data. The model was trained on labeled data and deployed as a web application using Microsoft Azure.

Technologies: Python, Flask, Jupyter Notebook, NLTK, Scikit-learn
GitHub Repository Link: *Github Repository*

Clean World   (2024)

For **Ballerina 1.0 Competition - 2024**

A platform designed to bring together community-driven environmental cleanups in one place. This platform sparks public interest and action in protecting and restoring the environment.

Contribution: Full-stack development of login page and frontend development of events page.
Technologies Used: HTML, CSS for frontend, Ballerina and JavaScript for backend.
GitHub Repository Link: Github Repository

Power Measuring Device (2023 - 2024)

First Year Microcontroller Based Application Development Project

Address the pervasive issue of unawareness regarding current electricity usage among consumers. This enables individuals to proactively manage and optimize their electricity usage by providing detailed information on the power consumption of individual devices.

Micro-controller: ESP32
Sensors Used: PZEM004T sensor
Technologies for website: HTML, CSS and JavaScript

CERTIFICATIONS

- **OOP in Java:** Coursera
- **API Fundamentals:** Postman Student Expert Badge
- **SQL:** SoloLearn
- **Java:** GreatLearning
- **Python:** CODL (UoM)

Verify through LinkedIn - License & Certifications Section

ACHIEVEMENTS

- **2nd Runner-Up:** CodeRally 6.0 - Hackathon - 2025
- **9th Place:** HackMoral 7.0 - Individual Hackathon - 2025
- **Finalist:** PearlHack 3.0 - Ideathon - Group - 2024

EXTRACURICULAR ACTIVITIES

- **Finance & Company Coordination Committee Member:** Rise Up Mora 2025 - IEEE Student Branch
- **Editorial Committee Member:** IEEE Xtreme 18.0 & Mora Xtreme 9.0 - IEEE Student Branch
- **Team Handling Committee Member:** Mora UXPlore 2.0 - IEEE Student Branch
- **Organizing Committee Member:** Road to Legacy 1.0 - UoM, USJ, UCSC IT students

SOCIAL SKILLS

- Compering
- Event handling
- Communication skills
- Coordinating

INTERESTS

Data Science and Machine Learning
AI
UI/UX Designing

REFERENCES

Mr. Yasoma Jayasinghe
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Wiley Global Technology Private Ltd
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Mr. P. J. T. Hushan Hasarel
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