



MANDRINI YASHODHA

SOFTWARE ENGINEERING INTERN

UNIVERSITY OF MORATUWA

ABOUT ME

I am a motivated third year Information Technology Student with a strong foundation in programming, database management, and web development. Passionate about learning emerging technologies and applying theoretical knowledge to practical solutions. Seeking opportunities to gain hands-on experience in software development while contributing to innovate projects.

☎ [+94.77.5091241](tel:+94775091241)

📍 Balangoda, Sri Lanka

✉ wickramadharay@gmail.com

👤 <https://github.com/yashodha-22uom>

👤 <https://www.linkedin.com/in/yashodha-wickramadhara>

SKILLS

Programming languages

Python Java C JavaScript

Front End

HTML CSS ReactJs

Back End

PHP NodeJs

Databases

MySQL MongoDB

Version Controlling

GitHub GitLab

INTERESTS

- Web Development
- Backend Development
- Full Stack Development
- Frontend Development

PROJECTS

Fleet and Asset management system

2025 July

Second Year Project | Group Project

- Tech Stack: React.js, Node.js, MySQL
- Role: Full Stack Developer – Authentication & User Management Module
- Developed authentication and authorization modules
- Designed and built user management interfaces
- Integrated backend APIs in Node.js and Express, handling data validation, error handling, and database interaction via Sequelize ORM.
- Created responsive UI components for registration, login aligned with the project's role hierarchy.
- Enforced role-based access control (RBAC) throughout the system for scalable and secure user permission handling.

Agro Sence - A microcontroller-based system designed to measure and monitor soil moisture levels and temperature in real time

2024

First Year Project | Group Project

Microcontroller : ESP32

Sensors : Soil moisture Sensor
Temperature Sensor (DS18B20)

LANGUAGES

- English
- Sinhala

ACHIEVEMENTS

CodeRush - 2023

Active Participant

SOFT SKILLS

Self learning

Collaborative

Hard working

EXPERIENCE & LEADERSHIP

Company Cordinator | 2024

Fit Sixes

Member -Rotaract | 2023-2024

- Hardware solution integrating moisture and temperature sensors with a microcontroller
- Software to collect, process, and store sensor data in a database
- Used Technologies : firebase HTML CSS Javascript Expressjs

MobileZone – A responsive frontend web application designed for a mobile phone selling platform, allowing users to browse and search for products seamlessly.

2024

Web Technologies | Group Project

- User interface for browsing mobile phones by category and brand
- Product search and filtering functionality
- Dynamic product display with images, specifications, and pricing
- Responsive design compatible with both desktop and mobile devices

Frontend: React.js

EDUCATION

BSc Hons in Information Technology

3rd year undergraduate | University of Moratuwa
GPA = 3.10 /4

GCE A/L Examination

Ferguson High School, Ratnapura
Z-Score - 1.59
Physics(B), Chemistry(A), Biology(B)

GCE O/L Examination -8A'S 1C

Sirimavo Bandaranaike Vidyalaya Co-07

REFERENCES

Dr. Saminda Premaratne

Senior Lecturer
Faculty of Information Technology
University of Moratuwa

Email : samindap@uom.lk

Pasindu Piyathilaka

Senior Software Engineer
Save Energy Systems

Email : piyathilaka10@gmail.com