FAHMAN HUSSAIN

COMPUTER ENGINEER

🔘 14/4 Jamiullafireen Lane, Kattankudy 🔪 +94 789 2400 80 悄 mhmfahman









📉 mhmfahman@gmail.com 🧧 MohamedFahman 🤀 mhmfahman.onrender.com

PROFILE SUMMARY

I am a dedicated, fast-learning individual with interests in Software Engineering, Machine Learning, and AI. I am seeking an internship opportunity that will allow me to apply my technical skills and creativity to develop innovative software solutions while learning from experienced professionals in the field

EDUCATION

University of Peradeniya

2021 - present

BSc. Engineering Honours specializing in Computer Engineering | GPA - 3.55 / 4.0

Kattankudy Central College

2016 - 2019

GCE A/L Examination 3As - Z Score: 2.0635

TECHNICAL SKILL

• HTML, CSS, JavaScript

• MySQL, MongoDB, Firebase

• AWS (EC2, IoT Core)

- Java, Python, C
- NodeJS, PHP, ExpressJS
- Verilog HDL, Arduino
- ReactJS, React Native
- · Android studio
- Git, GitHub

PROJECT

Smart Waste Management System | Group | 🕡



Nov, 2023 - Feb, 2024

- Smart Waste Management System that aims to make the process of waste collection more efficient. The system utilizes waste bins and manages them through mobile and web applications. With the help of the system, users can easily check the status of the bins, follow a schedule for waste collection based on the bin's status and weather forecast and find the bins locations.
- Contribution: Web Application, Backend, AWS, Deployment, Git repository maintenance
- Technology Stack: ReactJS, React Native, NodeJS, ExpressJS, MongoDB, AWS, MQTT, JWT, EC2

Online Shopping Website | Group |



March, 2023 - May, 2023

- The online shopping platform contains features such as user authentication, an administration dashboard, product detail pages, a checkout process, and user feedback, ensuring a better user experience.
- Contribution: Frontend and backend development, Database design, Git repository maintenance
- Technology Stack: HTML, CSS, JavaScript, PHP, MySQL, Bootstrap, GutHub

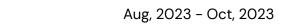
Student Result Management System | Group |

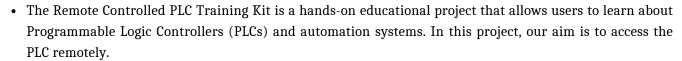


March, 2023 - June, 2023

- The system primarily targets undergraduate students themselves, allowing them to track their academic performance, calculate GPA, and set goals for future semesters. The system also provides functionality for batch administrators and field administrators to register courses and manage the uploading of final grades.
- Contribution: Frontend, Backend, Managing database
- Technology Stack: Java, Firebase, Android studio

The Remote Controlled PLC Training Kit | Group |





• Contribution : web page development, Node-red,

• Technology Stack: HTML, Arduino, Node-Red, Python

CERTIFICATE

- CAD0210EN: Developing Front End Apps with React | offered by IBM | edX | ❷
- IT.1.3x: Introduction to Java Programming: Fundamental Data Structures and Algorithms |Universidad Carlos III de Madrid | edX | 🔗
- CS0131EN Software Engineering Basics for Everyone | offered by IBM | edX |
- IT.1.1x: Introduction to Java Programming: Starting to code in Java | Universidad Carlos III de Madrid | 🔊
- DA0101EN Analyzing Data with Python | offered by IBM | edX | 🔗
- 📕 LFS101x Introduction to Linux | offered by IBM | edX | 🔗

COMPETITIONS

ACES Coders v10.0 | 12 hour algorithmic programming competition

Oct. 2023

Advanced to the final round (Coders), outperforming numerous competitors in the initial round (PreCoders) Only 25 teams were selected for the final round

ACES PreCoders v9.0 | 6 hours algorithmic programming competition

Dec. 2022

Competition participation strengthened problem-solving and technical skills in a competitive setting.

ACES Hackathon 2023 | 2 days competition

June 2023

Gained and showcased innovation, and collaborative skills by participating under the social services category

MEMBERSHIP

Institute of Electrical and Electronics Engineers | Student Member

March, 2024 - Present

Institution of Engineers Sri Lanka | Student Member

April, 2024 - Present

Muslim Engineering Students' Welfare Association | Assistant Secretary

Jan, 2024 - Present

REFERENCE

Prof. Roshan G. Ragel

Head of the Department,

Department of Computer Engineering,

Faculty of Engineering, University of Peradeniya.

Email: roshanr@eng.pdn.ac.lk

Dr. Asitha Bandaranayake

Senior Lecturer,

Department of Computer Engineering,

Faculty of Engineering, University of Peradeniya.

Email: asithab@eng.pdn.ac.lk