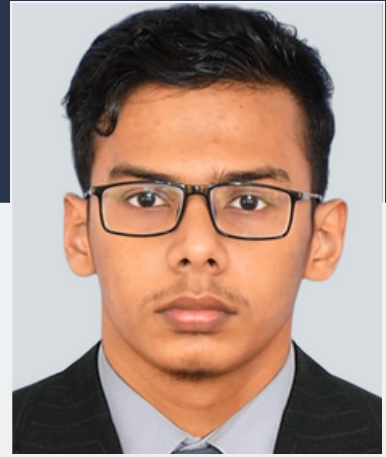# FAHMAN HUSSAIN

COMPUTER ENGINEER

PERSONAL PROFILE

I am currently a third-year Computer Engineering undergraduate at the Faculty of Engineering, University of Peradeniya. My interests revolve around 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**

Bachelor of the Science of Engineering Honours specializing in Computer Engineering
2021 - present

- **Kattankudy Central College**

Advance Level | 2016 - 2019

GCE A/L Examination 3As - Z Score: 2.0635, District Rank: 09, Island Rank - 652

CERTIFICATE RECEIVED

- CAD0210EN: Developing Front End Apps with React | offered by IBM | edX
- 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 | edX
- DA0101EN Analyzing Data with Python | offered by IBM | edX

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SKILLS SUMMARY

- HTML, CSS, JavaScript
- Java, Python, C
- MySQL, MongoDB, Firebase
- ReactJS, React Native
- NodeJS, PHP
- Git, GitHub

COMPETITIONS

ACES Coders v10.0 | 12 hour algorithmic programming competition | Oct. 2023

ACES PreCoders v9.0 | 6 hours algorithmic programming competition | Dec. 2022

ACES Hackathon 2023 | 2 days competition | CERTIFICATE | June 2023

MEMBERSHIP

IEEE Student member

IESL Student member

PROJECTS

Smart Waste Management System | Group |

- 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, AWS, MQTT, EC2, MongoDB*

Online Shopping Website | Group |

- The online shopping platform seamlessly integrates features such as user authentication, a comprehensive product catalog, and a secure checkout process, ensuring a convenient and enjoyable experience for users.
- *Contribution : Frontend and backend development, Database design, Git repository maintenance*
- *Technology Stack : HTML, PHP, MySQL, JavaScript*

Student Result Management System | Group |

- The Undergraduate Student Marks Management and Analysis System is designed to facilitate the management and analysis of undergraduate students' marks. 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 |

- The Remote Controlled PLC Training Kit is a hands-on educational project that allows users to learn about Programmable Logic Controllers (PLCs) and automation systems. In this project, our aim is to access the PLC remotely.
- *Contribution : web page development, Node-red,*
- *Technology Stack : HTML, Arduino, Node-Red, Python*

REFERENCE

Prof. Roshan G. Ragel

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Department of Computer Engineering,
Faculty of Engineering,
University of Peradeniya.
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Dr. Asitha Bandaranayake

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Faculty of Engineering,
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