

# FAHMAN MHM.

## 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, and Cybersecurity. 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.

### EDUCATIONAL HISTORY

#### University of Peradeniya

*BSc Engineering Specialized in Computer Engineering*  
2021 - present

- GPA - 3.5500 (After 4th Semester)

#### Kattankudy Central College

*Advance Level | 2016 - 2019*







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

### CERTIFICATE RECEIVED

- LFS101x Introduction to Linux
- DA0101EN Analyzing Data with Python
- PY0101EN Python Basics for Data Science
- IT.1.3x: Introduction to Java Programming: Fundamental Data Structures and Algorithms
- IT.1.1x: Introduction to Java Programming: Starting to code in Java



### CONTACT ME AT

-  +94 78 924 0080
-  e19105@eng.pdn.ac.lk
-  mhmahman.onrender.com
-  14/4 Jamiullafireen Lane,  
Kattankudy - 05
-  MohamedFahman
-  mhmahman

### SKILLS SUMMARY

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

### 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

# PROJECTS

## ○ Third Year Project

### Smart Waste Management System

- 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. Our primary focus is on house owners, garbage collectors, and municipal authorities who serve as administrators in the system. The system is designed to make waste management easier and more effective for everyone involved.
- **Skills : ReactJS, React Native, NodeJS, AWS, MQTT, EC2, MongoDB**
- **Github Repository: [cepdnack/e19-3yp-Smart-Waste-Management-System](#)**

## ○ CO227 Project

### THE REMOTE CONTROLLED PLC TRAINING KIT

- 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, we connect digital inputs of the PLC to relays, which are controlled using an Arduino. Additionally, analog inputs are interfaced directly with the Arduino. The user interface for this system is developed using Node-RED, providing a user-friendly and accessible way to interact with the training kit.
- **Skills : HTML, Arduino, Node-Red, Python**
- **Github Repository: [cepdnack/e19-co227-Remote-Controlled-PLC-Training-Kit](#)**

## ○ Database Project

### ONLINE-SHOPPING WEBSITE

- The Online Shopping Website is a user-friendly e-commerce platform. Seamlessly integrating features like user authentication, product catalog, and secure checkout, it provides a convenient and enjoyable online shopping experience. Built with HTML, CSS, JavaScript, and PHP, this project is designed to enhance the way users explore and purchase products from various categories.
- **Skills : HTML, PHP, MySQL, JavaScript**
- **Github Repository: [cepdnack/e19-co226-Online-Shopping](#)**

## ○ Software construction project

### STUDENT RESULTS MANAGEMENT SYSTEM

- 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.
- **Skills : Java, Firebase, Android studio**
- **Github Repository: [cepdnack/e19-C0225-Student-Result-Management-System](#)**