



# MAHESH WIJERATHNA

## COMPUTER ENGINEERING UNDERGRADUATE

Passionate computer engineering student with hands-on experience in software development, strong programming skills, and effective communication. Eager to apply expertise in a 6 month internship, collaborate with teams, and contribute meaningfully to the field.

## CONTACT



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<https://github.com/Mahesh-Wijerathna>

## EDUCATION

### BSC ENGINEERING (Hons) COMPUTER ENGINEERING (2021 - Present)

- University of Ruhuna, Sri Lanka
- Current GPA - 3.33

### PHYSICAL SCIENCE ADVANCED LEVEL - 2019

- Dharmapala Collage, Bandarawela
- Z Score - 1.9145

## TECHNICAL SKILLS

### Languages

- C++
- C
- C#
- Java
- Kotlin
- Dart

### Frameworks Other

- NodeJS
- React
- Flutter
- Spring Boot
- WPF
- GitHub
- Postman
- Networking
- Docker
- Linux
- Command line

### Databases

- Mongo DB
- MySQL
- SQLite

### Web

- HTML
- CSS
- Javascript

### IDEs

- VS code
- IntelliJ
- Android Studio

## SOFT SKILLS

- Communication
- Leadership
- Presentation
- Team Work

## PROJECTS

### Developed a prototype for a water bill paying system (3rd semester)

- Group Project
- Based Data structure and Algorithms
- Implemented in C++ using console interface.

### **Student Management System with Basic CRUD Operations (3rd semester)**

- Individual Project
- Designed and implemented a student management system with basic CRUD operations.
- Developed using C# and utilized SQLite database.

### **Web Application to Find Free Food Places (4th semester)**

- Individual Project
- Created a web application to locate free food places in the area.
- Technologies used include Spring Boot for backend, React for frontend, and MySQL for database management.

### **Database Project for Electric Item Shop (4th semester)**

- Group Project
- Developed a database project for managing an electric item shop.
- Utilized MySQL for database management.

### **Product Finder App (5th semester)**

- Group Project
- Designed and developed an app to find products in a specific area.
- Built using Flutter framework.

## **ON GOING PROJECTS**

### **Tourists Medical Necessities Satisfaction Platform (5th, 6th semesters)**

- Group Project
- Developing a platform to satisfy tourists' medical needs.
- Technologies: MERN stack for web development, Flutter for mobile app development.

### **AI Project on Face Recognition (6th semesters)**

- Group Project
- Developing a model to identify faces
- Built using Python with CNN

## **EXTRA CURRICULAM ACTIVITIES**

- Passed IELTS Key English Test (KET) exam
- Certified in soft skill development course(University of Ruhuna)
- Prefect in school

## **VOLUNTEERING**

- Beach cleanup project by SL UNITES
- "Mehewara" Programme Faculty of Engineering, University of Ruhuna

## **REFERENCES**

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| <ul style="list-style-type: none"><li>• Prof.Prabath Weerasinghe<br/>Department of Electrical &amp; Information<br/>Engineering,Faculty of Engineering<br/>University of Ruhuna<br/>Mobile: +94 717056638<br/>Email : weera@iuj.ac.jp</li></ul> | <ul style="list-style-type: none"><li>• Dr. Rajitha Udawalpola<br/>Department of Electrical &amp; Information<br/>Engineering,Faculty of Engineering<br/>University of Ruhuna<br/>Mobile:+ 94 718 578608<br/>Email : rajitha@eie.ruh.ac.lk</li></ul> |
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