IMAL RAVINDU

SOFTWARE ENGINEER UNDERGRADUATE

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Weboda

Summary

Motivated IT undergraduate with a strong interest in Artificial Intelligence and intelligent software systems. I enjoy building practical technology solutions that combine data, automation, and real-world problem solving. Through academic and personal projects, I have developed experience in Python, mobile app development, and backend systems. I am eager to gain industry experience where I can contribute to AI-driven projects while continuously improving my technical and analytical skills.

Technical Skills

- **Programming Languages:**
  Dart, Java, Python, C#, JavaScript
- **Frameworks:**
  Flutter,React.js
- **Database:**
  Firebase Firestore (NoSQL), MongoDB, MySQL
- **Tools & Platforms:**
  Git & GitHub, VS Code, Android Studio, Postman, Docker (Basic), Xcode (Basic)

Education

- **GCE Ordinary Level**
  Royal College (polonnaruwa) **2019**
- **GCE Advance Level**
  St. John's College (Nugegoda) **2020-2022**
- **BSC(Hons) software Engineering**
  University of plymouth **2023-2026**

PROJECTS

- **AI-Powered Traffic Rule Violation Detection & Fine Management System (Final Year Project)**
  - This project is an AI-driven intelligent system designed to detect traffic rule violations using computer vision techniques and automatically manage fines through a connected mobile application. The system aims to improve road safety, reduce manual monitoring, and automate the traffic fine management process.
- **Car Rantal Web Application**
  - The car rental web application is a full-stack system developed using Node.js, Express, and MongoDB
- **Swapify-skill Exchange Mobile Application**
  - The car rental web application is a full-stack system developed using Node.js, Express, and MongoDB
- **Personal Portfolio Webite**
  - The personal portfolio website was developed using React and traditional CSS to showcase your projects, skills, and technical background. The design follows a clean, minimal black-and-white aesthetic with a component-based architecture.