

IMAL RAVINDU

SOFTWARE ENGINEER UNDERGRADUATE

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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

■ BSC(Hons) software Engineering

University of plymouth

2023-2026

■ GCE Advance Level

St. John's College (Nugegoda)

2020-2022

■ GCE Ordinary Level

Royal College (polonnaruwa)

2019

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

- Swapify – Skill Exchange Mobile Application is an on-demand mobile platform that allows users to exchange skills without monetary transactions.

■ Personal Portfolio Website

- 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.

■ Auri (Clothing Brand)

- Auri is a full-stack web application developed with a focus on scalable architecture, secure authentication, and optimized performance.