

SADEESHA MODARAGAMAGE

Software Engineering Undergraduate

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📍 Colombo

PROFILES

 [LinkedIn](#)

 [GitHub](#)

 [Portfolio](#)

PROFESSIONAL SUMMARY

A Software Engineering undergraduate student at Informatics Institute of Technology (IIT), affiliated with the University of Westminster. I have successfully completed my second year, and I have hands-on experience in software development and project work, with skills in Python, Java, Node.js, React, HTML, CSS, MySQL, and MongoDB, with a solid foundation in both front-end and back-end development.

EDUCATION

**Informatics Institute of Technology (IIT),
University of Westminster.**

2023 - Present

BEng. (Hons) Software Engineering

Central college Kuliyaipitiya.

2013 - 2022

GCE A/L Examination in Mathematics (3 S passes)

GCE O/L Examination (7 A passes and 2 C passes / 2018)

PROJECTS

Health Bridge - Maternal & Infant care platform

Under Software Development Group Project, I contributed to the Health Bridge project, a web based platform designed to support maternal and infant healthcare. My part was implemented using React, Node.js with Express.js and CRUD operations with MongoDB, allowing mothers to store, retrieve, and update medical details.

Real-Time Event Ticketing System

Implemented a Real-Time Event Ticketing System using React, Node.js and MongoDB focusing on the use of Object-Oriented Programming (OOP) principles and the Producer-Consumer pattern. The system handles concurrent ticket releases and purchases while maintaining data integrity.

Notes Web App

Developed a Notes web application using React for the front end and Node.js with Express.js for the back end. Implemented MongoDB for data storage and integrated JWT authentication for secure user login and access control. Styled the UI using Tailwind CSS to ensure a responsive and modern design.

Student management system

Program that allows students to predict their progression outcome at the end of each academic year and prompt for the number of credits at pass, defer and fail and then display the appropriate progression outcome for an individual student using PYTHON and GRAPHIC.PY

Plane management system

Implemented a plane management system using JAVA which can book tickets, cancel tickets, show seating plan using OOP parts as well.

Life of Lands - Website

Developed a website called "Life on Land" using HTML, CSS and Java Script.

CORE SKILLS

Web Development: HTML, CSS, Tailwind, JavaScript, React, Node.js with Express.js

Database Management: MySQL, MongoDB

Programming Languages: Python, Java, JS

Version Controls: GitHub

OTHER SKILLS

Team work	Working under pressure
Problem solving	Passion for service
Leadership	Communication

AWARDS AND CERTIFICATION

Hult Prize Participation Certificate - 2025

Python (Basic) Certificate - HackerRank 2024

JavaScript (Basic) Certificate - HackerRank 2024

SQL (Basic) Certificate - HackerRank 2025

REFERENCES

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