

SADEESHA RANDINA MODARAGAMAGE

Software Engineering Undergraduate
Informatics Institute of Technology (IIT)
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CONTACT

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PROFESSIONAL SUMMARY

Second-year Software Engineering student at Informatics Institute of Technology (IIT), (University of Westminster), with hands-on experience in software development and project management. Skilled in Python, Java, NodeJS, React, HTML, CSS, MySQL and MongoDB with a strong foundation in both front-end and back-end development.

ACADEMIC HISTORY

**Informatics Institute of Technology (IIT),
University of Westminster | 2023-Present**

BEng. (Hons) Software Engineering

Central College Kuliypitiya | 2013-2022

GCE A/L Examination in Mathematics (3 S passes / 2022)

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

Life of Lands - Website

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

Plane management system

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

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

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

Problem Solving (Basic) Certificate - HackerRank 2025

React (Basic) Certificate - HackerRank 2025

SQL (Basic) Certificate - HackerRank 2025

REFERENCES

Janani Harishchandra.
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