



PERSONAL PROFILE

I am a young enthusiast with a strong passion for technology and its potential to solve real-world problems. I have a good understanding of software development methodologies and object-oriented concepts. I am a quick learner and a team player with a can-do attitude that can be a valuable asset to any organisation.

PROJECTS EXPERIENCE

■ "ARchitect" Mobile Application

(Jan 2023 - Present)

University of Westminster / IIT

- Led the team to develop an Augmented Reality Application that provides a 3D preview of furniture in real time. It includes a colour theory algorithm and a machine learning model.

Technology Stack: Flutter/Dart, Tensorflow

■ Skin Care Management System

(Nov 2022 - Jan 2023)

University of Westminster / IIT

- A Skin Consultation System which can manage doctors, patients, and consultations through the console and a Graphical User Interface using Java OOP Concepts.

Technology Stack: Java, Java Swing

■ Dental Center Website

(Sep 2022 - Sep 2022)

Personal Group Project

- As a team of four, we designed and developed an eye catching website for the Dental Center Maharagama.

Technology Stack: HTML, CSS, JavaScript, Bootstrap

SARITH WIJESUNDERA

SOFTWARE ENGINEERING
UNDERGRADUATE



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EDUCATION

■ BEng(Hons) Software Engineering

University of Westminster, UK

2022 - Present

Second Year Grades

Sem 1 - Database Systems - 95%

Sem 1 - Object Oriented Programming - 93%

Sem 2 - Algorithms - Pending

Sem 2 - Machine Learning and Data Mining - Pending

Sem 2 - Server-Side Web Development - Pending

Sem 2 - Software Development Group Project - Pending

First Year Grades (Average: 86.3%)

Sem 1 - Computer Systems Fundamentals - 97%

Sem 1 - Mathematics for Computing - 97%

Sem 1 - Software Development I - 85%

Sem 2 - Software Development II - 89%

Sem 2 - Web Design and Development - 83%

Sem 2 - Trends in Computer Science - 67%

■ Foundation Certificate in Higher Education

Informatics Institute of Technology

2021 - 2022

Grade - Dean's Award List with a Distinction

Average: 82.3%

DOC313 - Mathematics for Higher Education - 94%

DOC325 - Digital Circuits and Logic Design - 94%

DOC333 - Introduction to Programming I - 87%

DOC327 - Working with Data - 83%

DOC334 - Introduction to Programming II - 76%

DOC314 - Introduction to Information Technology - 76%

DOC311 - Academic Skills for Higher Education - 75%

DOC330 - Designing Innovative Solutions - 73%

■ G.C.E Ordinary Level

Royal College Colombo

2010 - 2021

Grade: 9 A's

■ Fuel Queue Management System

(Jun 2022 - Aug 2022)

University of Westminster / IIT

- A Java program with OOP concepts to manage fuel queues with a Graphical User Interface.

Technology Stack: Java, JavaFX

■ Fusion Drone Website

(Jun 2022 - Jul 2022)

University of Westminster / IIT

- Developed a demo website of drones as a team of four.

Technology Stack: HTML, CSS, JavaScript

■ Progression Outcome Predictor

(Mar 2022 - Apr 2022)

University of Westminster / IIT

- A progression outcome predictor of students at a university.

Technology Stack: Python

■ The Hangman Game

(Nov 2021 - Dec 2021)

University of Westminster / IIT

- A single player game used to guess words.

Technology Stack: Python

COMPETITIONS

- **RealHack 4.0 by IEEE University of Kelaniya**
The only team from IIT to make it into the final 15 out of more than 275+ teams from all universities across the country.
- **MadHack by IEEE UCSC**
- **UoW Programming Maths & Logic Hackathon**
- **Microsoft Imagine Cup 2023**
- **CodeSprint 7.0 by IEEE of IIT**
- **IEEEXtreme 16.0**
- **Google HashCode 2022**

EXTRA CURRICULAR

■ IEEE Computer Society Student Branch Chapter of IIT

- Editorial Team Lead of IndustPro 2.0 (Jan 2023 - Present)
- Volunteer in the Editorial Team (Jan 2022 - Present)
- Editorial Team Lead of IdeaMatrix '22 (Jun 2022 - Jul 2022)
- Organizing Committee of IndustPro 1.0 (Jan 2022 - Jul 2022)

■ Rotaract Club of IIT

- Event-in-charge of Haxmas '23 (Jan 2023 - Present)
- Project Chair of Voice for the Voiceless (Sep 2022 - Present)
- Member of the IT Team (Aug 2022 - Present)
- Member of the Blog Team (Aug 2022 - Present)
- Reporting Head of House Kratos (Dec 2022 - Mar 2023)
- Event-in-charge of Parallax '22 (Aug 2022 - Jan 2023)
- Organizing Committee of Project Lifeline (Jan 2022 - May 2022)

■ Mozilla Campus Club of IIT

- Secretarial Team of OpenHack '22 (Nov 2022 - Feb 2023)

■ IEEE Student Branch Chapter of IIT (Member)

■ Leo Club of IIT (Member)

■ Author

- Wrote a youth novel called "Jeewana Nadiya Dige" (2020)

REFEREES



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