



## 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

### ■ Personal Portfolio Website

*Personal Project*

- This portfolio website illustrates my potential to learn and grow in the industry as a young tech enthusiast.

**Technology Stack:** HTML, CSS, JavaScript, Bootstrap, Tailwind CSS

### ■ "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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https://sarith-w.github.io/Portfolio/



Malabe

## 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

## SKILLS

Python / Java / Java Swing / JavaFX / Flutter / Dart / HTML / CSS / JavaScript / Bootstrap / Tailwind CSS / R / Tensorflow / Git / MySQL / PHP / Leadership / Communication / Teamwork

## 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**
- **IEEE Xtreme 16.0**
- **Google HashCode 2022**

## EXTRA CURRICULAR

### ■ IEEE Young Professionals Sri Lanka

- Web Development Team of StudPro 6.0  
(Mar 2023 - Present)

### ■ 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



**Mr. Ashan Dhanapala**  
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