SARITH WIJESUNDERA

SOFTWARE ENGINEERING UNDERGRADUATE

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in linkedin.com/in/sarith-wijesundera/

🌐 https://sarith-w.github.io/Portfolio/

📍 Malabe

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

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

IEEEXtreme 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

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