

PANSILU WIJESIRI

UNDERGRADUATE

"Dedicated and dynamic individual with an unrelenting passion for technology, eager to make a meaningful impact through dedication and enthusiasm."



CONTACT

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PROFILE

As a driven Software Engineering undergraduate, I thrive on learning and pushing the limits of technology. My passion for tackling complex challenges is matched by my exceptional communication skills and ability to lead teams. I am excited to contribute to a dynamic software development team and eager to make an impact.

TECHNICAL SKILLS

SKILLS

- Python, R, Java
- JavaScript
 - ReactJS
 - NodeJS
- Bootstrap/Tailwind CS
- Git/GitHub
- Machine Learning
- PHP, MySQL

NON-TECHNICAL SKILLS

- Team Leadership/ Player
- Public Speaking
- Communication
- Blogging/ Article Writing
- Photography

EDUCATION

BEng Software Engineering (Undergraduate)

University of Westminster (UK) - IIT (Sri Lanka)

2022 - Present

- **First Year Average: 83.16%**
 - Mathematics for Computing - 98%
 - Software Development II - 95%
 - Software Development I - 83%
 - Computer Systems Fundamentals - 78%
 - Web Design and Development - 73%
 - Trends in Computer Science - 72%
- **Second Year**
 - Object Oriented Programming- 89%
 - Database Systems - 94%
 - Software Development Group Project - Pending
 - Professional Development - Pending
- **L5 Batch Representative (2022/2023) for the Software Engineering Batch**

Foundation Certificate in Higher Education

IIT (Sri Lanka)

2021 - 2022

- **Grade: Dean's Award List with a Distinction**
- **Weighted Average: 82.50%**
 - Digital Circuits & Logic Design - 94%
 - Introduction to Programming II - 87%
 - Working with Data - 86%
 - Mathematics for Higher Education - 85%
 - Introduction to Information Technology - 84%
 - Introduction to Programming I - 80%
 - Academic Skills for Higher Education - 72%
 - Designing Innovative Solutions - 72%

Professional Development Courses

Professional Development Unit at IIT

2021-2023

- Enrolled in the Professional Certificate in Web Development.
- Completed the Professional Certificate in Python Programming.

- **Grade: 8As**
- Completed Cambridge English Entry Level Certifications in ESOL International (up to FCE)

PROJECTS

DIATRACKER : A DIABETES TRACKING APPLICATION

University of Westminster / IIT

Jul 2022 - Jul 2022 | 35-50 hours/ week

- Led development team as agile leader, developed machine learning component for food and exercise recommendations using Python and worked on back end of application with PHP
- **Technology stack: Git, Python, PHP, ReactJS.**

DOCTOR SKIN CONSULTATION MANAGER | GUI APPROACH

University of Westminster / IIT

Jul 2022 - Jul 2022 | 12 hours/ week

- A skin consultation management application using Java OOP that included functionalities for doctor-patient consultations for both CMD & GUI approaches
- **Technology stack: Java, Java Swing**

FUEL QUEUE MANAGEMENT SYSTEM | GUI APPROACH

University of Westminster / IIT

Jul 2022 - Jul 2022 | 12 hours/ week

- A fuel queue management system project that included queue management and fuel station resource tracking.
- **Technology stack: Java, JavaFX**

WONDERFUL THAMBAPANNI | A NON RESPONSIVE WEBSITE FOCUSED ON THE TOURISM SECTOR OF SRI LANKA.

University of Westminster / IIT

Jul 2022 - Jul 2022 | 20 hours/ week

- Led the project development and developed 3 out of 6 pages of the website using **HTML, CSS and JavaScript.**

UNIVERSITY GRADE ANALYSER | COMMAND LINE APPROACH

University of Westminster / IIT

Mar 2022 - Mar 2022 | 12 hours/ week

- A project to provide grades based on a system followed by a university.
- **Technology stack: Java**

HANGMAN GAME | COMMAND LINE APPROACH

University of Westminster / IIT

Nov 2021 - Nov 2022 | 8 hours/ week

- A project with a command line approach in creating the popular game Hangman, where the user has to guess the word within the chances provided to progress in the game.
- **Technology stack: Python**

HONORS & AWARDS

- Awarded **Dean's Honor List** at IIT Foundation Awards - 2021/2022
- Awarded **Distinction** for the Foundation Certificate in Higher Education - 2021/2022
- **Junior prefect** - Vidura College - 2020
- Awarded **All-Island Best Batsman** award - SLSCA Singer Tournament - 2017/2018
- Awarded **Vidura College Best Batsman** - 2015 & 2018

VOLUNTEERING

- **Editorial vice chairperson** of IEEE Computer Society Student Branch Chapter of IIT (2022 - Present)
- OpenHack 2.0 **secretarial team & video series team head** of Mozilla Campus Club Of IIT (2022 - 2023)
- **Project vice-chairperson & blog team member** of the Rotaract Club of IIT (2022 - Present)

EXTRA CURRICULAR & HOOBIES

- RealHack 4.0 by IEEE SB of the University of Kelaniya. (**top 15 out of 275+ teams in Sri Lanka & only team from IIT**)
- Hacktoberfest 2022 by Digital Ocean **Open-Source Contributor**
- IEEE Xtreme 16.0 by IEEE Global (**top 100 in Sri Lanka**)
- Captained the school cricket team - from 2015 to 2019
- **SLSCA best batsman (2 Times)** - 2015 & 2018
- Participated in badminton junior nations (1 time)
- Photography (**won Obscura competition**: best eye in school level)

REFEREES

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