

# 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.

## SKILLS

### TECHNICAL SKILLS

- Python, R, Java
- JavaScript
  - ReactJS
  - NodeJS
- Bootstrap
- Git
- 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- Pending
  - Database Systems - Pending
  - 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

- Received **Dean's Honour List** Award
- Awarded **Distinction** For the Program
- **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

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

## Primary & Secondary School

Vidura College, Colombo

2008 - 2021

- Obtained **8As** for G.C.E Ordinary Level Examination (2020)
- Completed Cambridge English Entry Level Certificate in ESOL International (**upto 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
- Technologies involved: **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
- Technologies involved: **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.
- Technologies involved: **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.
- Technologies involved: **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.
- Technologies involved: **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 ACTIVITIES & HOOBIES

- RealHack 4.0 by IEEE Student Branch of the University of Kelaniya. (**top 15 from 275+ teams in Sri Lanka**)
- 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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