



DIWANGA MUNASINGHE

Computer Science undergraduate



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ABOUT ME

I am currently pursuing my undergraduate studies at the Informatics Institute of Technology (IIT), affiliated with the University of Westminster, majoring in BSc (Hons) with a specialization in Computer Science, with an anticipated graduation in 2027. My career aspirations lie in UI/UX design, Frontend development, and Backend development, where I can merge analytical thinking with creativity to build intuitive, seamless, and impactful digital experiences. I am eager to refine my skills in designing user-friendly interfaces, developing dynamic web applications, and implementing robust backend solutions that enhance functionality and user engagement.

EDUCATION

• University of Westminster / Informatics Institute of Technology

BSC Computer Science

Year 1 - Software Development I

2024 Mathematics for Computing

Trends in Computer Science

Computer Systems Fundamentals

Software Development II

Web Design and Development

(passed 6 modules 120 credits)

Year 2 - Object Oriented Programming

2025 Database Systems

Software Development Group Project

Client-Server Architectures

Professional Development

Human Computer Interaction and User Experience

Advanced Client-Side Development

• Informatics Institute of Technology

IT Foundation Course

2023

• Advanced Level (A/L) Examination

Subject taken: Combined Maths, Physics, Chemistry for G.C.E A/L

2022

• Ordinary Level(O/L)

Achieved A grades in Mathematics and English

2019

PROJECTS

• Mental Health Companion App

Ongoing Project

A mental health application aimed at providing ongoing emotional support and guidance, connecting professional therapy sessions with everyday life. The app offers features like anonymous chat rooms, mood detection through text analysis, therapist and peer mentorship matching, AI-driven personalized suggestions, and real-time reminders for self-care.

• Property Search Web App

2024

Developed a React-based property search web app with interactive filters, dynamic JSON data retrieval, and a responsive UI. Implemented features like a favorites list with local storage, image viewer, React Tabs for property details, and security best practices.

• Selena Gomez Portfolio Website

2024

Created a responsive and visually appealing web page dedicated to the life and career of Selena Gomez, using HTML, CSS, and media queries. Focused on providing an engaging user experience with smooth layout transitions across various screen sizes

- **Oceanauts -Web Application**

2024

Developed a dynamic and responsive web application using HTML, CSS, and JavaScript. The project focuses on providing an interactive user experience with a sleek interface and intuitive navigation.

- **Real-Time Ticketing System**

2024

Built a multi-threaded ticketing system with real-time updates. Used Java for concurrency handling, a React.js UI for visualization, and Node.js for backend logic. Ensured thread-safe ticket management, real-time communication via Web Sockets, and robust logging.

- **Student Management System**

2024

It utilizes java I/O libraries for handling input and output operations, such as reading from and writing to files.

- **Enhanced Personal Finance Tracker**

2024

GUI Implementation with Tkinter and OOP

- **Green Steps App**

2024

Designed an intuitive and user-friendly interface for an eco-friendly app promoting sustainable habits. Used Figma to create this.

SKILLS

TECHNICAL ABILITIES

- Programming Languages: Python, Java, Nodejs, JavaScript, React, React Native, Flutter, HTML, CSS
- Database Management: SQL
- Version Control: GitHub
- Software Development Tools: Visual Studio Code, IntelliJ IDEA, IDLE, Net Beans

SOFT SKILLS

- Problem-Solving
- Collaboration
- Customer Service
- Time Management
- Adaptability
- Positive Attitude

AWARDS AND ACHIEVEMENTS

- IEEE Xtreme 18.0 Programming Competition(online Certificate) 2024
- IT Foundation Certificate (Information institute of technology) 2023
- News reporting competition Certificate (Rahula Collage-Matara Media Unit Voice '18) 2018
- Announcing Certificate (Ruhunu sevaya Radio channel(malwalwaram)) 2018
- Singing Competition Certificate (Department of Cultural Affairs) 2015

EXTRA CURRICULAR ACTIVITIES

- IEEE Membership Development Volunteering 2025
- IEEE Global Community 2024
- IEEE Robotics & Automation 2024

LANGUAGE

- English(Fluent)
- Sinhala(Native)

REFERENCES

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