

Nimaya Hansani

Undergraduate Software Engineering Student



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[Nimaya Hansani](#)



[SL-Nimaya02](#)

Undergraduate software engineering student passionate about learning, tech challenges, and effective communication. Proficient in frontend and backend development, with a focus on PHP. Skilled in MERN stack for dynamic web apps. Eager to impact a dynamic dev team.

SKILLS

Technical Skills

Python | Java | PHP | HTML | CSS | JavaScript | Object-Oriented Programming (OOP) | Data Structures and Algorithm | React | Flask | SQL(MySQL) | Pandas library | FB Prophet Library | Github | CI/CD | Agile methodology | Visual Studio

Soft Skills

Communication | Problem-solving | Critical Thinking | Teamwork | Time Management | Presentation Skills

PROJECTS

Software Development Group Project (2023) - Fruit Counting Web App

- In the development of YieldPro, a web application, I spearheaded the implementation of the price prediction model using machine learning techniques(**Time Series Forecasting model**).
- Leveraging **React js** for frontend and **Flask** for backend, the project aims to enhance user experience through predictive analytics.(**Python | JavaScript**)

Solving sliding puzzles using path finding

- In their project, **Java** is being utilised to implement the **A* algorithm**, aimed at finding the shortest path in video game-like maps.
- This cover tasks ranging from setting up data structures to parsing input files and providing step-by-step solutions.

Westminster Shopping Manager Project

- Developed a comprehensive shopping management system using **Object-Oriented Programming (OOP)** principles.(**Java language**)

Tickets Booking Application

- Developed the backend for a ticket booking application in **Java**, incorporating switch case and console menu functionalities for streamlined user interaction.

Astronomy Website Development

- Collaborated on an astronomy website, creating key pages like product purchase, profiles, page editor, and splash screen using **HTML**, **CSS**, and **JavaScript** for interactive features.

Student Marking System

- Created a **Python** tool for university academic progress calculation. It validates credits, handles outcomes, predicts student progress, generates histograms, and stores data for analysis.

EDUCATION

University of Westminster (IIT-Sri Lanka) - BEng(Hons) Software Engineering

September 2022 - Current

London, UK

ICBT Campus - Diploma in Informatics and Communication Technology

February 2022

Kandy, Sri Lanka

Nugawela Central Collage - G.C.E.Advanced Level Examination(Physical Science Stream)

February 2021

Kandy, Sri Lanka

Nugawela Central Collage - G.C.E.Ordinary Level Examination

December 2018

Kandy, Sri Lanka

CERTIFICATIONS

IEEEExtreme 17.0 Programming Competition - Certificate of Participation

AI Bootcamp Series 2023 - Certificate of Participation

WebSpire Front-end web Development workshop - Certificate of Participation

Figma for UX Design- Course completed

Senior and Junior Prefect of Nugawela Central College - Leadership

IEEE Global membership - Communication

REFEREES

Imani Randhuli

Lecturer/Module Leader-Professional

Development

School of Computing

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