



SANHINDA JAYARATHNE



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About Me

As a Software Engineering student at the University of Westminster with a solid foundation in computer science, I have cultivated a deep passion for coding and problem-solving. I am keen to apply my skills to design and implement robust, efficient software systems.

Education



Informatics Institute of Technology Affiliated with the University of Westminster
BEng (Hons) Software Engineering
2023-Present

1st year

Software Development I

Mathematics for Computing

Trends in Computer Science

Computer Systems Fundamentals

Software Development II

Web Design and Development

2nd year

Object Oriented Programming

Database Systems

Software Development Group Project

Software Engineering Principles and Practice

Algorithms: Theory, Design and Implementation

Server-side Web Development



Foundation Certificate in Higher Education
2022-2023
Distinction Pass



St. Anne's College, Kurunegala
2008-2021
GCE Advanced Level (2021)
GCE Ordinary Level (2018)

Projects

Sign Language Interpreter - Sign Sri

Oct 2024 - Present

Developing a real time sign language interpreter which converts sign language gestures into text and text to sign language gestures

Skills: Python . React Native . Express.js . Figma . CSS

Portfolio Website

Oct 2024

Designed and developed a personal portfolio website to showcase my skills, projects, and experience.

Skills: HTML . CSS . Javascript . React.js

Real Time Ticket Booking System

Oct 2024 - Nov 2024

Developed a real-time ticket booking system using object-oriented programming principles to efficiently manage and allocate tickets for various events, ensuring a seamless user experience.

Skills: Java . React.js . Spring Boot . MySQL . OOP concepts

Healthy Day Website

Feb 2024 - Jun 2024

Developed an informative and interactive website to promote health and well-being, aligned with SDG 3.

Skills: HTML . CSS . Javascript

Plane Management System

Feb 2024 - Apr 2024

Designed and developed a Plane Management System in Java to facilitate the booking and management of plane seats.

Skills: Java . OOP concepts

Student Grade Management

Jan 2024 - Apr 2024

Developed a student grade management system with python

Skills: Python

UI Design for E-care

Feb 2023 - Jun 2023

Developed a high-fidelity prototype with Figma for a system that automates the traditional book keeping system of medical records.

Skills: Figma

Certifications

Building Modern Projects with React

Platform: LinkedIn Learning

Completion Date: December 1, 2024

Skills Covered: React.js

Certificate ID: f0fe5f1eaad4703eb109f1a3103fe0766a64d24c3a475326dade18f642982e74

Learning Spring 6 with Spring Boot 3

Platform: LinkedIn Learning

Completion Date: December 2, 2024

Skills Covered: Spring Boot, Spring Framework

Certificate ID: f73101a5993f5930e474f5a1575877b0129f01cfff45456da06f1439f681d557

Spring Boot 2.0 Essential Training

Platform: LinkedIn Learning

Completion Date: December 8, 2024

Skills Covered: Spring Boot

Certificate ID: 22a5d06057flc7c58d13f3141cee7c501bdc0caac81f523c2fe4850f585668e7

React Essential Training

Platform: LinkedIn Learning

Completion Date: December 10, 2024

Skills Covered: Web Development, React.js, Front-End Development

Certificate ID: 50084184863af7729ca48cdbb611896efd42021812d83a150e451d029flba518

Skills

Technical Skills

- Java
- Python
- JavaScript
- CSS
- HTML
- React
- PHP
- SQL
- Node
- Git
- Canva
- Figma

Personal Skills

- Problem Solving
- Time Management
- Self Learning
- Teamwork
- Adaptability
- Creativity
- Leadership

Languages

- English
- Sinhala

Interests

- Artificial Intelligence
- Machine Learning
- Web Development

Volunteering

Volunteered at Cutting Edge 2024 organized by IIT

Extra Curricular Activities

Member of IEEE club IIT

References

Akarshani Amarasinghe, Lecturer,
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Jayewardenepura.
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