

Yashwin Sivakumar

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

BSc (Hons) Computer Science student at the University of Westminster (IIT), with a strong interest in mobile application development, machine learning, and web technologies. Practical skills developed through a foundation programme and a web development certificate, including hands-on experience with HTML, CSS, JavaScript, Java, and Python. Currently developing a Tamil Large Language Model (LLM) optimized for Sri Lankan linguistic variations and cultural contexts.

Education

BSc (Hons) Computer science at IIT University of Westminster,
London (Jan 2025 – ongoing)

Certificate in foundation at IIT University of Westminster, London
(May 2024 – Jan 2025)

GCE Advanced Level at Zahira College Matale
(2020-2023)

Projects

1. Good Health and Well-being - Frontend Group Project (June 2025)

Developed a responsive website promoting health awareness and well-being initiatives aligned with UN SDG 3. Implemented interactive volunteer registration forms, user testimonial sections, engaging splash screen, and animated content blocks. Emphasized accessible design, intuitive navigation, and user engagement to support health advocacy.

Tech Stack: HTML, CSS, JavaScript

2. Personal Portfolio Website (August 2025)

Developed a fully responsive personal portfolio website featuring modern UI/UX principles and seamless navigation. Implemented component-based architecture to showcase projects, technical skills, and professional experience. Integrated EmailJS for functional contact form with clean, minimalist design and optimized performance.

Tech Stack: React, Vite, Tailwind CSS, EmailJS, Git, GitHub

3. Sri Lankan Tamil Large Language Model Development *(ongoing 2025)*

Contributing to the development and fine-tuning of a specialized Large Language Model for Sri Lankan Tamil language. Leveraging CulturaX and MADLAD-400 datasets to enhance low-resource language processing capabilities, working on dataset preprocessing and cleaning, tokenizer development, fine-tuning, and model performance evaluation.

Tech Stack: Python, Transformers, Hugging Face, QLoRA, Pandas, PyCharm

Certifications

Certificate in foundation at IIT

University of Westminster, London (May 2024 – Jan 2025)

Certificate in Web Development and Application - NIBM Kandy

Course at NIBM, Kandy (Mar 2023 – Sep 2023)

Python for Beginners e - certificate issued by University of Moratuwa

Java (Basics) e – certificate from HackerRank

Introduction to Large Language Models e – certificate from LinkedIn Learning

Extra-Curricular Activities

Rotaractor

- Member of Rotaract club of Matale
- Professional development director for the year 2024-2025
- Sargeant at arms, club service director for the year 2025-2026

References

Subhaka Bhavanishankar

Assistant Lecturer

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R. Manivannan

Civil law attorney at Matale

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