THUSHANI VASANTHAN

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Please contact me via email, as this is my international number.

SUMMARY

Software Engineering graduate with expertise in front-end development, IT infrastructure, and UI/UX design. Passionate about innovation and problem-solving, eager to apply technical and analytical skills in a dynamic tech-driven environment.

WORK EXPERIENCE

University of Westminster, UK — Dec 2024 - Present
USER END SUPPORT TECHNICIAN — Fixed Contract

As a 2nd Line Support Technician, I provide essential technical support to staff and students, ensuring smooth access to IT services. I diagnose and troubleshoot technical issues, collaborating with various teams to resolve incidents quickly. My responsibilities include supporting hardware and software installation, maintenance, and decommissioning, ensuring systems run efficiently. I also help improve IT services and offer guidance on resource optimization to support teaching and administrative functions.

Raging Bull Games, UK — Sept 2024 - Present
FRONTEND WEB DEVELOPER

Develops user-friendly website and application interfaces using Bootstrap, improving project outcomes by 35% through responsive design and seamless navigation.

We Speak, UK — Sept 2024 - Present
CO PRODUCER — Part-Time

Responsible for managing the technical side of Zoom sessions, including breakout rooms, recordings, and broadcasts. Ensured smooth operations, time-keeping, troubleshooting, and clear communication with the team under pressure.

University of Westminster, UK — Jan 2023 - Jul 2024
INFORMATION SYSTEMS AND SUPPORT - STUDENT HELPER

I provided IT and AV support as part of a team of 7, collaborating with teams from three other branches. My responsibilities included face-to-face assistance, promoting IT services, performing routine maintenance on equipment, replenishing supplies, and supporting events, which boosted user satisfaction by 20%. I also addressed inquiries and escalated issues, improving resolution time by 25%.

WebWave, Sri Lanka — Jun 2023 - Sept 2023
UI UX INTERNSHIP

I worked in a team of 10, creating wireframes and low and high-fidelity designs in Figma while ensuring WCAG compliance and design consistency. My contributions boosted project efficiency by 30% and improved design quality by 25%, adhering to best practices for user-centered design and regulatory standards.

EDUCATION

UNIVERSITY OF WESTMINSTER, UK	BEng Software Engineering - First Class Honours	2021 - 2024
LADIES' COLLEGE, SRI LANKA	Pearson Edexcel Advanced Level - 2As and 1B	2021
LADIES' COLLEGE, SRI LANKA	GCE Ordinary Level - 3As, 3Bs and 3Cs	2018

KEY COMPETENCIES

- Software Development Lifecycle
- Object-Oriented Programming
- Version control systems
- API development and integration
- UIUX designing
- Agile and Scrum methodologies experience
- Software Installation & Configuration
- Documentation and technical writing skills
- Collaboration with cross-functional teams
- Self-motivated
- Organisational skills
- Active Directory
- Troubleshooting & Diagnostics

PROJECTS

Additional projects have been uploaded to my GitHub

Mammo Guardian

ReactJs, Tailwind CSS, Python, Flask, Firebase | VS code, FIgma, Google Collab

Developed a full stack application to classify cancer in ultrasound scans using a ResNet model where users can upload images and get real-time results, aiding in early cancer detection.

TRSCAT Medical Services - Group Project

ReactJs, CSS, SQL, PHP | Trello, Figma, VS code

Developed a web-based GP service application with functions for booking and canceling appointments, along with other online features.

A Tourist weather app

Swift | XCode

An app for travellers that displays tourist destinations and offers weather information.

Progression Predictor

Python | PyCharm

A program to predict progression outcomes at the end of each academic year.

Electricity Load Forecasting and Data Analysis Techniques

R | R studio

A project focused on predicting electricity demand using Multi-Layer Perceptron (MLP) models combined with data analysis techniques.

Solving Sliding Puzzles with Depth-First Search

Java | VS code

Developed a sliding puzzle solver using pathfinding algorithms like Depth-First Search to efficiently find optimal solutions from initial configurations to desired end states.

K-Means Clustering on Vehicle Dataset

R | R studio

A project involving K-Means clustering and Principal Component Analysis (PCA) to explore patterns in a vehicle dataset

Skin Consultation Centre

Java, JavaFX | Netbeans

Developed a Java-based booking system for skin consultations with a graphical user interface.

To-Do List

HTML, CSS, JavaScript | VS code

Developed a one-page to-do list application that utilizes local storage to save and manage tasks efficiently.

Text to Voice Converter

HTML, CSS, JavaScript | VS code

Developed a one-page text-to-voice converter application featuring multiple voice options for users.

Hermes FC

HTML, CSS, JavaScript | VS code

Created a fundamental webpage for a football club, showcasing essential features.

References available upon request.