

SANKALPA SITHMINA

Software Engineer | Junior Front-end Developer | UI/UX Designer

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



I am a Bachelor of Information Technology undergraduate at the University of Moratuwa with a strong foundation in frontend development and a passion for creating seamless digital experiences. Experienced in ReactJS, JavaScript, and responsive web design, along with proficiency in UI/UX tools like Figma for intuitive interface design. Adept at collaborating in team environments to deliver functional solutions and eager to apply technical skills in a dynamic software development role. Committed to continuous learning and leveraging technology to solve real-world challenges.

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Core Highlights

- Proficient in HTML, CSS, JavaScript, and ReactJS for building dynamic web interfaces.
- Experienced in Figma & Adobe Photoshop for wireframing and prototyping.
- Basic knowledge of .NET framework for full-stack development.
- Hands-on experience with Arduino-based automation projects.
- Understanding of database concepts for application development.
- Strong teamwork and analytical skills in software projects.

Core Skills

Frontend Development | HTML, CSS, JavaScript, ReactJS, Responsive Web Design

UI/UX Design | Figma, Adobe Photoshop

Backend & Databases | .NET, Visual Studio, Basic SQL & Database Integration

IoT & Embedded Systems | Arduino, Hardware-Software Integration

Other Tools | Git, GitHub, Microsoft Office (Word, Excel, PowerPoint)

Academic Qualifications

Bachelor of Information Technology

2024-Present

University of Moratuwa | Moratuwa, Sri Lanka

G.C.E. Advanced Level (Technology Stream)

2022

G.C.E. Ordinary Level

2018

Walisinghe Harischandra Maha Vidyalaya | Anuradhapura, Sri Lanka

Professional Certifications

The Fundamentals of Digital Marketing Grade A Google Digital Garage Certificate ID : 8FE ZW9 XKG	2021
Python for Beginners Grade A Web Design for Beginners Grade A University of Moratuwa Moratuwa, Sri Lanka	2021 2021
Diploma in MS Office Grade C Ranaviru Information Technology Training Institute Anuradhapura, Sri Lanka	2019
Amazon Q Developer Fundamentals AWS Training	2025

Projects

- Employee Management System** | Used Tec: Visual Studio
Developed a system for managing employee records using .NET framework.
- Automatic Plant Watering System** | Used Tec: Arduino
Built an IoT-based system to automate plant watering using sensors and Arduino.
- Hotel Web Frontend** | Used Languages: HTML, CSS, JS
Designed and developed a responsive hotel website frontend using modern web technologies.
- E-Passport system** | Stack: MERN (React, Node/Express, MongoDB), Twilio, SendGrid
Built a secure, workflow-based passport application platform with OTP verification (email/SMS), appointment booking, payment stubs and status tracking.

Languages

English | Advanced Sinhalese | Native Tamil | Professional

Personal Details

Date of Birth | 11.12.2002 Nationality | Sri Lankan

References

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