

Highly motivated and passionate undergraduate student with a strong foundation of hands-on experience in web development and software engineering. Passionate about creating innovative solutions, I seek opportunities to expand my skill set and contribute to a dynamic team environment. I am eager to learn from experienced professionals and apply my knowledge to real-world projects.

Work & Experience

Projects

Personal Portfolio Website - Developed using NEXT JS and Tailwind CSS

This portfolio reflects my abilities and serves as a platform to establish my online presence. Built with Next.js, React.js, Tailwind CSS, and Framer Motion, it dynamically showcases my web development expertise. Through this project, I gained valuable hands-on experience, enhancing my skills with modern web technologies.

Simple Weather Client Web Application - Developed using React JS, REST API and Python with FastAPI

A full-stack web application, developed as my final project in HarvardX's CS50 Python course, utilizing Python for the backend with FastAPI and React with Tailwind CSS for the frontend. This project sharpened my skills in API integration, UI responsiveness, backend management, and React hooks, deepening my expertise in web development.

Melodine: A Music Streaming Application - Developed using NEXT JS utilizing Spotify Web API (Unfinished)

A web streaming app built with Next.js and integrated with the Spotify Web API, allowing users to search for songs and listen to demo tracks. As a personal project in progress, it provides a platform to refine my skills in API integration, UI design, and modern web development, while enhancing my understanding of API management and user interaction.

Todo: A Comprehensive Todo Application - Developed using React JS and Firebase with user authentication

A comprehensive Todo application built with React and Firebase, featuring user authentication and seamless task management. This project emphasizes modern frontend development, database integration, and user authentication workflows, while incorporating version control with Git and detailed project planning. It has been a valuable opportunity to enhance my expertise in building efficient, user-centric applications while maintaining organized, modular code and a well-structured development process.

Skills

Programming Languages

Python

Javascript

HTML/CSS

Java

SQL

C

Frameworks/Libraries

ReactJS

NextJS

TailwindCSS

Flask

FastAPI

FramerMotion

Tools & Platforms

Git

Github

RestAPIs

Artificial Intelligence

Figma

VMs

Linux

Others

Responsive Design

Version Control

Agile Management

Data Security

Achievements

CS50P Certification: Introduction to Programming with Python by HarvardX

CS50X Completion: Introduction to Computer Science by HarvardX

Continuous learning through practical and academic projects, honing adaptability and innovation.

Education

Bachelor of Computing (Software Engineering) 2025 - present

Curtin University (Australia) Colombo, Sri Lanka

G.C.E. Advanced level (Pearson Edexcel, UK) 2023-2024

Mathematics (A*), Further Mathematics (A*), Physics (A) and Chemistry (B) - equivalent to 99.5 ATAR

G.C.E. Ordinary Level (Sri Lanka) - Kingswood College Kandy 2022

Distinctive (A) passes for all 9 subjects (English, Mathematics, Science, Religion, Sinhala, History, Oriental Music, Geography, ICT)