Kavinda Dissanayake

Web Developer

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Summary

BSc (Hons) Computing Undergraduate | Web Developer
Motivated and adaptable computing undergraduate with hands-on experience in web and mobile development. Completed a one-year Web Developer internship at FECT, contributing to real-world projects. Skilled in modern programming languages, problem-solving, and team collaboration. Passionate about building user-focused digital solutions and advancing in software and web development.

Work Experience

Web Developer Intern

Federation for Environment, Climate and Technology   Jun 2024 – Jun 2025

- Developing responsive websites using HTML, CSS, and React, ensuring cross-browser compatibility and mobile optimization.

- Designing and managing WordPress websites, customizing themes and plugins to meet project specifications.

- Creating cross-platform mobile applications using Flutter, delivering seamless user experiences.

Skills

Programming
Python, Java, JavaScript, SQL, C++

Web Development
HTML, CSS, React, Node.js

Database Management
MySQL, MongoDB

Version Control
Git, GitHub

Mobile Development
Flutter

Education

Bachelor of Science in Computer Science with AI   Reading
- NIBM Campus

Higher National Diploma in Software Engineering   2023-2024
- NIBM Campus

Diploma in Software Engineering   2022-2023
- NIBM Campus
- GPA - 3.74

Projects

Workplace Projects:

FECT MV Climate App (Collaborative)

- Technologies Used: Flutter, Dart

- My Role: Led frontend development for a weather application, focusing on designing interactive interfaces and ensuring responsive, user-friendly experiences across devices.

AWWA.LK Website (Independent)

- Technologies Used: [WordPress, HTML, CSS, Java Script.]

- My Role: Designed and developed the entire website, ensuring responsive design, user-friendly navigation, and functional integration for the client.

Group Projects:

IoT-Enabled 3D Scanning & Printing System

- Developed an integrated 3D scanner and FDM-CNC 3D printer with IoT connectivity for seamless operation. Utilized Arduino, ESP32, ESP8266, Sharp infrared sensor, stepper motors, and Firebase for secure data storage. Designed for educational, prototyping, and personal use, enhancing automation and remote access.

Mr. PC online ordering website

- This project is a simple online ordering website for Mr. PC, a computer shop. It was developed as the final project for the Software Engineering diploma, utilizing HTML, CSS, JavaScript, JQuery, and PHP.

3D Printer Website

- The website offers a modern shopping experience where users can explore and purchase a variety of 3D printed items. A key feature of the site is the integrated chatbot, which enhances user interaction by providing assistance with product inquiries, recommendations, and customer support. Technologies used include [React, Node.js, Express, MongoDB, etc.], ensuring a responsive and scalable application.

Individual Projects:

Sticker World – Custom Bike Sticker E-commerce Website

- Developed and managed Sticker World, an e-commerce site for custom bike stickers. Designed a user-friendly interface, added a sitemap, blog section, and product ordering system while improving performance and navigation. The website is currently live and accessible online.

Solar Thirst Website

- Developed the "Solar Thirst" website, an industrial solar solutions site, using HTML, CSS, and Firebase. Features include a dynamic homepage, service showcase, and a Firebase-integrated contact form. Implemented responsive design for seamless navigation across devices, with Firebase authentication to enhance user interaction and data security.

Certifications

- CAIT course at Peradeniya telecom Centre
- Web Development course offered by University of Moratuwa
- The Legend of Python, HTML, CSS, Java Script courses in Codedex.
- "MySQL Tutorial" course offered by Great Learning Academy.