SANDAMINI WEERASEKARA

Trainee Software Engineer

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OBJECTIVE

I am currently an undergraduate student in Information Technology. I am passionate about building scalable, efficient, and user-focused software solutions. I am seeking a Software Engineer Intern position where I can apply my skills in both front-end and back-end development, strengthen my practical experience, and contribute to innovative software projects within a collaborative team environment.

EDUCATION

- Higher National Diploma in Information Technology   2023 – Present
  Sri Lanka Institute of Advanced Technological Education, Kurunegala

- Diploma in Information Technology (Grade: Distinction)   2023 – 2024
  Wayamba University of Sri Lanka Makandura, Gonawila

CERTIFICATES

- Python for Beginners - University of Moratuwa   In Progress
- Introduction to Software Testing Concepts- Microsoft Company   June 2025
- Web Design for Beginners- University of Moratuwa   March 2025

SKILLS

- Knowledge of front-end technologies: HTML5, CSS3, JavaScript
- Skilled in building responsive, user-friendly UIs with React.js
- Experience in back-end development using Node.js and Express.js
- Experience using NoSQL and relational databases: MongoDB, MySQL
- Basic programming knowledge in C#, Java, .net, PHP and Python
- Basic understanding of version control using Git and GitHub
- Exposure to basic testing concepts and tools like Postman (for API testing)
- Good communication and teamwork abilities
- Strong problem-solving and debugging skills
- Willingness to learn and adapt to new technologies

LANGUAGES

- Sinhala - Fluent
- English – Intermediate

PROJECTS

Online Food Ordering System - View in GitHub

(Individual Project | Technologies: React.js, Node.js, MongoDB)

- Developed a full-stack restaurant web application with separate admin and customer interfaces.
- Implemented user authentication, online order placement, send emails, generate PDF and Stripe-based payment integration
- Designed a responsive UI using React components and built RESTful APIs with Express.js for order management, user data, and admin controls.
- Applied basic manual testing to verify UI flows, form validations.

Online Voting Management System – View in GitHub

(Individual Project | Technologies: PHP, MySQL)

- Developed a secure, role-based web voting application with separate admin and voter dashboards.
- Built dynamic pages using PHP and managed user data, votes, and results with MySQL.
- Conducted validation testing to ensure form inputs and data accuracy.

Bookshop Inventory Management System

(Group Project | Technologies: C#, SQL)

- Developed a desktop-based application for managing books, stock, users, and sales.
- Built forms and logic for inventory CRUD operations and transaction tracking.
- Collaborated in a team environment, contributing to modular code development, UI structuring, and testing workflows to ensure optimal functionality and maintainability.

REFERENCES

Ms.K.G.D.De.A. Wijesinghe

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