JANITH MADUSHAN Software Engineer Intern

madushanjayawardhana856@gmail.com

+94705176720

Moratuwa



in LinkedIn





₽ROFILE SUMMARY

Enthusiastic Software Engineer candidate with a BS.c(Hons) in IT excited to leverage technology to develop new solutions. Proficient programmer in Java as well as knowledge of concepts in Network Administration (including CCNA Academy exercises with real-world examples). Eager to take advantage of Al tools to optimize code efficiently, solve problems, and learn something brand new.

A motivated self-starter and participating team member looking for ways to contribute as a Software Engineer intern and overcome new challenges.

PROJECTS

WORKFORCE HR MANAGEMENT SYSTEM

Full-Stack Developer

- Developed a full-stack HR management system, utilizing a .NET backend and React frontend architecture.
- Implemented core HR modules, including employee data management, attendance tracking, and performance
- Designed a responsive user interface with React and Bootstrap for cross-device compatibility.
- Built RESTful APIs with .NET for secure client-server communication.
- Utilized SQL Server for database management, data persistence, and data integrity.
- Employed Agile methodologies; used Postman for API testing. Gained practical experience in full-stack development and modern web technologies.

Soil Moisture Sensor

Hardware Group Project

- Developed a hardware prototype for soil moisture and temperature sensing in agricultural applications.
- Integrated a sensor with a microcontroller to engineer a real-time data acquisition and transmission system.
- Implemented a backend database for efficient storage and retrieval of sensor readings.
- Designed a feedback and alert mechanism, providing real-time soil condition insights to users.
- Gained practical experience in electronics, embedded systems programming, and real-time data analysis.

Web Map Application

Full-Stack Project

- Developed a full-stack web application for interactive map data visualization.
- Built the frontend using HTML, CSS, and JavaScript, ensuring a responsive and intuitive user interface.
- Engineered the backend and managed a MongoDB database for efficient storage and retrieval of geospatial data.
- Integrated the frontend with the backend, providing a seamless user experience.

Amazon E-commerce Clone

Frontend Project

- Developed a high-fidelity frontend clone of the Amazon website using HTML, CSS, and JavaScript.
- Focused on replicating the user interface and core design elements, demonstrating strong frontend development and UI/UX implementation skills.

WORK EXPERIENCE

Administrative and Technical Assistant

03/2022 - 02/2023 | Dambulla Branch

Singer

- Managed digital records and processed transactions within internal systems, demonstrating data management proficiency.
- Maintained accurate cash balances as Main Cashier, requiring attention to detail and problem solving.
- Provided administrative support, assisted with customer service, and occasionally supported sales efforts, showcasing communication and adaptability skills.

EDUCATION

BSc.(Hons) Information Technology

2023 - 2027

2019

Faculty of Information Technology, University of Moratuwa.

G.C.E. Advanced Level

Rangiri Dambulla Central Collage Physical Science Stream

TECHNICAL SKILLS

Programming Languages

Java, C, JavaScript, C#, Python

Back-End Development

.NET Core Web API, Node.js

Front-End Development

React, HTML, CSS, Bootstrap, Tailwind CSS

Databases

MSSQL, MySQL, MongoDB

Networking & Security

Packet Tracer, Wireshark, TCP/IP, DNS, DHCP

Cloud & DevOps

GitHub Actions (CI/CD)

Operating System

Windows, Linux

Version Control

Git. GitHub

Tools

Postman, Figma, Canva, Visual Studio, VS Code

© CERTIFICATIONS

• Cisco Networking Academy - CCNA

SOFT SKILLS

Critical Thinking

• Problem Solving

• Teamwork and Collaboration

• Time Management

⋘ References

Mrs. M.N. Chandimali, Lecturer, Faculty of Information Technology University of Moratuwa nipunic@uom.lk, +94 71 079 2617