JANITH MADUSHAN

📞 +94705176720

✉ masushanjayawardhana856@gmail.com

🔧 https://github.com/Jayawardhana22

🔗 www.linkedin.com/in/janith-madushan-jayawardhana-44aa312b0

PROFILE 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 AI 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

1. 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 evaluation.
- 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.

2. 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.

3.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.

4.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, Singer
(Dambulla Branch): (March 2022 – February 2023)
- 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**
  Faculty of Information Technology, University of Moratuwa.
- **G.C.E. Advanced Level**   **2019**
  Rangiri Dambulla Central Collage │Physical Science Stream

TECHNICAL SKILLS

- Programming Languages: Java, C, Python, JavaScript, C#
- Back-End Development: .NET Core Web API, Node.js, Express.js
- Front-End Development: React, HTML, CSS, Bootstrap, Tailwind CSS
- Databases: MSSQL, MySQL, MongoDB
- Cloud & DevOps: GitHub Actions (CI/CD)
- Networking & Security: Packet Tracer, Wireshark, TCP/IP, DNS, DHCP
- Version Control: Git, GitHub
- Tools: Postman, Figma, Canva, Visual Studio, VS Code, JIRA
- Operating System : Windows , Linux

SOFT SKILLS

- Critical Thinking
- Problem Solving
- Teamwork and Collaboration
- Time Management

CERTIFICATIONS

- Cisco Networking Academy – CCNA

REFERENCES

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

Mr. Dilumika Nawodaya (Lecturer)
Department of Information Technology
Faculty of Information Technology
University of Moratuwa
dncnawodya@gmail.com │ +94775841591