



Pathum Sri Chathuranga

Software Engineer Intern

✉ pathumwghm@gmail.com

📍 Moratuwa, Sri Lanka

📞 0750798576



www.linkedin.com/in/pathumscj



github.com/JayaweeraWGH
MPSC

Profile

I am a creative thinker with a passion for developing innovative solutions in software engineering. My strong foundation in the MERN stack, coupled with my skills in UI/UX design, allows me to approach problems from multiple angles and create user-friendly applications. I thrive in environments that encourage out-of-the-box thinking and continuous learning, and I'm eager to contribute my abilities in a collaborative team setting. My goal is to leverage my creativity and technical skills to deliver impactful software solutions.

Education

B.Sc. Information Technology (Hons)

Faculty of Information Technology | University of Moratuwa
CGPA: 3.51

2023 – Present

Moratuwa

Medirigiriya National College

G.C.E Advanced Level(Physical Science Stream) : Z-Score - 1.2737
G.C.E Ordinary Level : 7As 2Bs

2013 – 2022

Polonnaruwa

Projects

AutoMeet

Smart Meeting Scheduler

Developed a **Level 2 software development project** in collaboration with **WSO2**, building a browser-based meeting scheduling platform that enables users to create, share, and manage meetings seamlessly. Implemented secure user authentication, calendar-based time slot management, real-time notifications, and file upload features. Integrated frontend with backend APIs and designed the database architecture to support dynamic scheduling and user data management.

Tech Stack - Next.js | MongoDB | Ballerina

Lakpura

Developed a responsive e-commerce website focused on promoting and selling traditional Sri Lankan handicraft masks. Implemented user authentication, product listing, cart management, and order tracking using Firebase. Designed an intuitive user interface with Bootstrap to ensure mobile compatibility and visual appeal.

Tech Stack - Firebase | Bootstrap | HTML | CSS

Self-Running Training Tracking System

Developed an IoT sprint training system using ESP32, ultrasonic, LDR, laser, and limit switch sensors to automate start position detection, leg release timing, and finish line detection. Programmed in **Arduino C/C++**, the system captures runner images, detects false starts, and displays real-time feedback on LCDs. Powered by rechargeable batteries with a custom charging circuit for reliable operation.

Solo Runner

Developed the Solo Runner website to display sprint timing, reaction data, captured images, and performance graphs. Integrated with hardware to support solo athlete training by visualizing key metrics and progress through an interactive, mobile-responsive interface for improved performance tracking.

Tech Stack - HTML | CSS | JavaScript | Firebase

Personal Portfolio

Designed and developed a personal portfolio website to showcase my projects, skills, and professional journey. The site features an organized layout, responsive design, and interactive elements, providing a clear overview of my work in web development, hardware integration, and UI/UX design.

Tech Stack - React Vite | Bootstrap | CSS

Courses

Web Developer

Open Learning Platform UoM

I completed a course that helped me gain practical skills in building fully functional and user-friendly web applications. It prepared me to start working in the industry confidently as a trainee web developer.

Python Programmer

Open Learning Platform UoM

I completed a course that introduced me to core programming concepts using Python. It helped me build a strong foundation and prepared me with the skills needed to start as an entry-level Python programmer.

Introduction to Cybersecurity

Cisco Networking Academy

Learned what cybersecurity is and its impact on individuals and organizations. Understood common threats and attacks, how businesses protect operations, and explored current job trends and the growing importance of cybersecurity.

Competitions

CodeRush 2025

Finalist

CodeRush 2023

Participation

AlgoXplore 1.0

Participation

Skills

Web Development

HTML | CSS | Tailwind CSS | React.js | Node.js | Next.js | Ballerina | JavaScript | Bootstrap

Database Systems

MySQL | MongoDB | Firebase | MSSQL

Language

English | Sinhala

Programming Languages

Python | Java | C

Tool

Figma | Git | Docker | Blender | Postman | Canva

Soft Skills

Communication | Problem-Solving | Teamwork | Time Management | Learning Agility