



# Pathum Sri Chathuranga

Software Engineer Intern

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MPSC

## 👤 Profile

I am a creative and motivated IT undergraduate at the **University of Moratuwa** with strong skills in **web development**, **MERN** stack, and **UI/UX** design. I excel in team and individual projects, bringing problem-solving, leadership, and communication strengths to deliver innovative, user-friendly solutions in collaborative development environments.

## 🧠 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

## 🎓 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

01/2025 - 07/2025

Smart Meeting Scheduler

Collaborated with a team to develop a Level 2 **browser-based meeting scheduler** in partnership with **WSO2**. Worked together on secure user authentication, real-time notifications, calendar management, and file uploads. Contributed to frontend-backend integration and database design, ensuring a smooth, user-friendly experience through effective coordination and shared responsibilities.

Tech Stack - **Next.js** | **Ballerina** | **MongoDB**

## Lakpura

07/2024 - 10/2024

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 - **HTML** | **CSS** | **Bootstrap** | **Firebase**

## Self-Running Training Tracking System

02/2024 - 11/2024

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

07/2024 - 11/2024

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