

# Pathum Jayaweera

## Software Engineer Intern

✉ pathumwghm@gmail.com

☎ +94 750798576

🌐 linkedin.com/in/pathumscj

🐙 github.com/JayaweeraWGHMPSC

🔗 pathumscjayaweera.me

📍 Moratuwa, Sri Lanka



### ABOUT

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Creative IT undergraduate at the University of Moratuwa with strong programming and full-stack development expertise. Experienced in cloud technologies and real-world projects, passionate about innovative solutions with growing interests in cybersecurity. Eager to leverage technical skills and creativity to deliver impactful software solutions as a Software Engineering Intern.

### EDUCATION

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#### University of Moratuwa

2023 – Present | Moratuwa, Sri Lanka

**B.Sc. (Hons.) in Information Technology** (Undergraduate)

CGPA: 3.55

#### Medirigiriya National College

2013 – 2022 | Polonnaruwa, Sri Lanka

G.C.E. Advanced Level (Physical Science Stream)

G.C.E Ordinary Level

### SKILLS

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**Web Development:** Full Stack | JavaScript | TypeScript | CSS | Tailwind CSS | Bootstrap | React.js | Next.js | .NET | Node.js | Ballerina

**Programming Languages:** C | Java | Python

**Cloud & Database Systems:** Azure | MongoDB | Firebase | MySQL | MSSQL

**Tools:** Git | Postman | Figma | Blender | Canva | Adobe Photoshop | Gimp

### PROJECTS

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#### AutoMeet

01/2025 – 07/2025

Full Stack Developer & UI/UX Designer | **Next.js, Bootstrap, Ballerina, MongoDB**

- Collaborated with **WSO2's** Ballerina team to develop a smart meeting scheduler app, integrating advanced scheduling features and seamless user experience.
- Led the design and implementation of the communication layer, developing real-time chat functionality via WebSocket connections, automating email notifications, and integrating in-app alerts to enhance user engagement and streamline collaboration.

#### Husmah Engineering Pvt Ltd Official Website

Ongoing

Full Stack Developer & UI/UX Designer | **React.js, Tailwind CSS, .NET, MongoDB**

- Developed the official company website, including service listings, project showcases, and an admin panel for content management.
- Gathered requirements and maintained close communication with stakeholders to ensure project alignment with business needs.

## SecureZip

07/2025 – 08/2025

App Developer & UI/UX Designer | **Electron.js, Python, JavaScript**

- Built a cross-platform desktop application for secure encryption/decryption of text, files, and folders with integrated compression, ensuring robust data protection.
- Implemented industry-standard cryptographic algorithms with intuitive UI design, delivering enterprise-grade security while maintaining optimal user experience.

## Portfolio Website

Web Developer | **React (Vite), CSS, JavaScript, EmailJS**

- Designed and implemented a responsive personal portfolio website with interactive components and optimized user experience across devices.

## Lakpura

07/2024 – 10/2024

Web Developer | **HTML, CSS, Bootstrap, Firebase**

- Developed a responsive **e-commerce website** for traditional Sri Lankan masks, implementing Firebase authentication, product management, and order tracking.
- Ensured mobile-friendly design and seamless user experience.

## Solo Runner IoT Project and Website

07/2024 – 11/2024

Web Developer & IoT Project Developer | **HTML, CSS, JavaScript, Firebase, Arduino C/C++**

- Contributed to a group project by developing the web application and integrating hardware components for athlete performance tracking and visual feedback.

## CERTIFICATIONS

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### Python Programmer | Open Learning Platform UoM

Completed Python programming course covering core concepts, building strong foundation and developing skills needed for entry-level Python programmer positions.

### Web Developer | Open Learning Platform UoM

Completed comprehensive web development course, gaining practical skills in building functional, user-friendly applications. Prepared to work confidently as trainee web developer

### Introduction to Cybersecurity | Cisco Networking Academy

Learned cybersecurity fundamentals, common threats, and business protection strategies. Explored current job trends and cybersecurity's growing importance for organizations.

## ACHIEVEMENTS

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### CodeRush 2025

Finalist

### CodeRush 2023

Participation

### AlgoXplore 1.0

Participation

## REFERENCES

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**Ms. Adshayani Pirapaharan**, Lecturer at Faculty of Information Technology, University of Moratuwa

Email: padshayani@uom.lk

**Ms. Asma Jabir**, Technical Lead at WSO2

Email: asmaj@wso2.com | Phone: +94 773324752