

Indunil Asela *Software Engineer Intern*

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ABOUT ME

A motivated **Software Engineering enthusiast**, full-stack web and mobile app developer, and third-year IT undergraduate at the University of Moratuwa. Passionate about building responsive, user-focused applications and continuously learning modern technologies to create innovative and high-quality software solutions.

EDUCATION

B.Sc. (Hons) in Information Technology - CGPA(3.12) 2023 – Present
University of Moratuwa

G.C.E Advanced Level(2020) : Phycical stream 2017 – 2020
Am/Saddhathissa National School – Ampara

SKILLS

Programming Languages

C | C++ | Java | Python | javascript

Web Development

React | Next.js | React Native | CSS | Tailwind CSS | Bootstrap | Node.js | Ballerina

Database Systems

MySQL | MongoDB | PostgreSQL | Firebase

Tools

Git | Figma | Postman

PROJECTS

AutoMeet [🔗](#) 01/2025 – 07/2025
Smart Meeting Scheduler

- Collaborated with **WSO2's** Ballerina team to develop a smart meeting scheduler web app, featuring secure authentication and calendar-based slot management. Contributed to role-based frontend-backend interfaces for meeting scheduling, integrating algorithms for marking free time slots and participant availability with interactive calendars and real-time validations.
- Tech Stack - **Next.js | Bootstrap | MongoDB | Ballerina**

EduApp [🔗](#) 07/2025 – 10/2025
Comprehensive Educational Platform

- Developed a full-featured e-learning system with secure authentication, content management, file uploads, and real-time chat using Socket.IO. Integrated a **Stack Overflow-style Q&A** system for collaborative learning and knowledge sharing. Built a React Native mobile app with OTP verification, video lessons, and subject-based discussions.
- Tech Stack - **React Native | Expo | Node.js | Express.js | Firebase | Socket.IO | JWT | Multer**

Reservoirs Water Management System

11/2025 – 02/2026

Web & Mobile Application for Irrigation in Sri Lanka

- Designed and developed a digital solution to monitor reservoir water levels and canal discharge quantities, supporting efficient irrigation water supply for cultivation. Implemented secure authentication, real-time data updates, email notifications, and a user-friendly dashboard to enhance decision-making. Delivered both web and mobile platforms, improving accessibility for field officers and administrators.
- Tech Stack - **React.js | React Native | Node.js | Tailwind CSS | Expo Go | SMTP | MongoDB**

MyWallet [↗](#)

08/2025 – 09/2025

Personal Finance Tracker Mobile App

- Built a cross-platform mobile app for personal finance tracking with secure authentication, categorized transaction management (Food, Shopping, Transportation, Bills, etc.), and real-time balance calculations displaying total balance, income, and expenses.
- Tech Stack - **React Native | Expo | Clerk Authentication | Node.js | PostgreSQL**

Portfolio [↗](#)

07/2025 – 08/2025

- A modern, responsive personal portfolio website built with React and Vite. Features a clean design with smooth animations, interactive components, and a professional layout showcasing skills, projects, and contact information. The portfolio includes a contact form with EmailJS integration and social media links.
- Tech Stack - **React | Vite | Tailwind CSS | EmailJS**

Lakpura [↗](#)

01/2024 – 07/2024

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

An automatic shutoff ironboard [↗](#)

06/2024 – 12/2024

- We proudly present our freshman hardware project the Auto-Off Ironboard a smart solution to a common household issue: forgetting to turn off the iron. Designed for both safety and energy efficiency, this system automatically powers off the iron when it's left unattended, preventing accidents and saving electricity.
- Tech Stack - **Arduino Mega | C++**

CERTIFICATES

Introduction to Cloud Computing | Simplilearn [↗](#)

Developed strong fundamentals in cloud models, virtualization, and modern cloud services.

ACHIEVEMENTS

Coderush-2023 [↗](#)

Participation

MoraXteam 9.0 [↗](#)

Participation

JapuraXtreme-2024 [↗](#)

Participation

Coderush-2025 [↗](#)

Merit

REFERENCES

Ms. Adshayani Pirapaharan, Lecturer at Faculty of Information Technology, University of Moratuwa
padshayani@uom.lk

Ms. Asma Jabir, Technical Lead at WSO2 Lanka (Pvt.) Ltd.
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