



Anjana Edirisinghe

Software Engineer Intern

PROFILE

Enthusiastic IT & Management undergraduate with strong foundation in full stack web development. Experienced in contributing to real-world projects and passionate about building scalable, user-focused applications. Eager to learn and grow, with additional exposure to Web3 development. Skilled in problem-solving and critical thinking, with a proactive mindset and the ability to adapt quickly in dynamic environments. Looking to apply and grow technical skills by contributing to real development environments and impactful projects.

EDUCATION

University of Moratuwa (2023 – 2027)

Faculty of Information Technology

BSc (Hons.) Information Technology & Management (Undergraduate)

CGPA: 3.64/4.00 (Up to 3rd Semester) | Dean's List for Semester 1

Bandaranayake College, Gampaha (2018 - 2021)

G.C.E Advanced Level (2021) – Physical Science Stream

PROJECTS

EmpSync | Employee Management System

2025 Jan – 2025 Jul

(Second Year Software Project)

Full Stack Developer & Team Lead | Associated with UoM

EmpSync is a software as a service (SaaS) based employee management system designed to handle core HR tasks and meal handling processes.

- Led the development team and architected the full-stack solution, including frontend, backend, and database design, for HR management processes.
- Implemented a custom algorithm for salary computation and automated pay slip PDF generation.
- Managed dual Auth0 authentication flows for tenant-level users and super admin access.
- Set up CI/CD pipelines to enable automated testing and streamlined deployment workflows.
- Deployed the application on AWS with SSL and performance optimizations for reduced latency.

[Live Project](#) | [GitHub Repo](#)

Technologies: React, NestJS, PostgreSQL, Prisma (ORM), Auth0

Pharmacy Queue Management System

2024 Nov – 2025 Jan

Full Stack Developer & Team Lead | Associated with BIZ Solutions

The Pharmacy Queue Management System is a MERN stack web application that automates order number assignments, facilitates real-time order tracking, and provides status updates directly from the counter. Tailored for small and medium-sized enterprises.

- Led the development team, maintained effective client communication throughout project lifecycle.
- Built a full-stack web application using React and Node.js, following clean architecture principles.
- Implemented secure, role-based user authentication and access control using Firebase Auth.
- Designed a real-time system to enable efficient and responsive order processing.
- Designed and implemented the database schema with MongoDB, including historical data tracking features for auditability and insights.

[Live Project](#) | [GitHub Repo](#)

Technologies: React, Node.js, Firebase Authentication, MongoDB

Portfolio Website

2024 Nov

Personal Project

Personal single page Website developed using react and framer libraries, All details are stored in JSON format for easy customization.

[Live Project](#) | [GitHub Repo](#)

Technologies: React, Framer Motion

PERSONAL DETAILS

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[Anjana Edirisinghe - LinkedIn](#)

[anjanaed - GitHub](#)

[Portfolio](#)

[Anjana Edirisinghe – Medium](#)

Kadawatha, Sri Lanka

TECHNICAL SKILLS

Programming Languages

- JavaScript / TypeScript
- Python
- PHP
- C
- Solidity

Backend Frameworks

- Node.js / Express.js
- NestJS
- Laravel

Frontend Development

- React
- Next.js
- Tailwind CSS
- Framer Motion
- HTML

Databases

- MySQL
- MongoDB
- PostgreSQL

Other Technical Skills

- Arduino
- Git Version Control
- Firebase & Auth0 Authentication
- Hardhat
- Truffle

Cloud & DevOps

- AWS
- CI/CD (GitHub Action)
- Docker
- Postman

SOFT SKILLS

- Problem Solving
- Critical Thinking
- Team Work
- Time Management
- Leadership

CERTIFICATES

AWS Cloud Practitioner Essentials

Amazon Web Services (AWS) | 2025

Blockchain Deep Dive

Binance Academy | 2025

Problem Solving - HackerRank

HackerRank | 2023

Python - HackerRank

HackerRank | 2023

CODL Certified Python for beginners

University of Moratuwa | 2022

CODL Certified Web Design for beginners

University of Moratuwa | 2022

ACHIEVEMENTS

Top 20 – MoraXtreme 9.0 - 2024

12-hour coding hackathon by IEEE SB UOM
[Certification](#)

First Round Up Mora UXplore 2.0 - 2024

Inter Uni UI/UX Competition by IEEE SB UOM
[Certification](#)

Crack The Code – 2024

Coding hackathon by Mathematics Society - UOM

LANGUAGES

- English - Working proficiency
- Sinhala - Native

PROJECTS (CONT.)

Decentralized Transparent Governance Platform

2025 July – 2025 Sept

Full Stack Developer | Associated with Innovate with Ballerina (WSO2)

A full-stack blockchain platform designed to enhance government transparency and citizen engagement. The system enables secure democratic voting, digital petitions, whistleblowing, policy management, and public spending tracking. Built on a microservice architecture, it separates blockchain interactions from general application logic, ensuring scalability, reliability, and seamless synchronization with decentralized storage and Web3 wallet integration on the Sepolia testnet.

- Designed, implemented, and deployed smart contracts, connecting them with the backend to enable seamless application interaction.
- Developing a syncing mechanism to ensure database integrity using blockchain data.
- Integrated EVM wallet support, enabling users to connect their wallets via Reown.

[Live Project](#) | [GitHub Repo](#)

Technologies: Next.js, Node.js, PostgreSQL, Solidity, Ballerina

Blockchain Gas Fee Alerting Scripts

2024 Sept

Personal Project

Python Script that receives economy gas fee of bitcoin blockchain and EVM chains through mempool APIs and sending Telegram Notifications via Bots to requested users. Customizable for target gas price.

[GitHub Repo BTC](#) | [GitHub Repo EVM](#)

Technologies: Python, Telethon

Student Management System

2024 Dec

Individual Project | Associated with UoM

This project is a full-stack educational platform built with Laravel (backend) and React (frontend). It supports role-based access, allowing students to enroll in courses and lecturers to manage content. The app features secure authentication and clear separation of frontend and backend for efficient course and user management.

[GitHub Repo](#)

Technologies: React, Laravel, MySQL, Tailwind CSS

BottleMatic | Bottle Filling & Capping Machine

2023

First year Hardware Project | Associated with UoM

Automatic Bottle Filling and Capping Machine. This project is part of our 1st-year hardware course, focusing on developing an automated system using Arduino.

[GitHub Repo](#)

Technologies: C++, Arduino

EXTRA CURRICULAR

Technical Writer

2024 Sept - Present

[Medium](#)

Software Team Member

2025 March - Present

IoT and Embedded System Labs, Faculty of IT, UoM

Web3 Project Contributor & Investor

2021 - Present

Contributed to open-source Web3 projects and actively engaged in blockchain ecosystems through community initiatives and bounties.

REFERENCES

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