



Ashan Dilakshana

undergraduate in BSC (Hons) in
information technology

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LINK

[portfolio](#)

[GitHub](#)

[LinkedIn](#)

Skills

• Languages

- Java
- javaScript
- C
- C++
- python
- kotlin

• Version Controlling

- git
- github

About Me

I am an Information Technology undergraduate student with a strong foundation in programming, data analysis, and problem-solving. My current focus is on exploring innovative approaches to data-driven challenges. I am eager to collaborate on projects and continuously grow my expertise in the ever-evolving field of Information Technology.

Education

- **BSc (Hons) in Information Technology(UG)** (2022-PRESENT)
Sri Lanka Institute of Information Technology(SLIIT)
- **GCE Advance level (Technology)** (2019-2021)
R/kiriella National College
Engineering Technology - B
Information technology - C
Science for technology - S
- **Completed English course** (2018)
British Way English Academy
- **front and development course** (2025)
University of Moratuwa
- **Python for beginners course** (2024)
University of Moratuwa

TECHNICAL SKILLS

- **fullstack Development**
I can handle frontend ul development in any project with using React.js ,HTML ,CSS Javascript knowledgamd backend using php and java
- **Database Management**
I'm skilled in database management with experiencing in document base/NoSQL databases (Mongo DB) and SQL databases.
- **MERN Stack Developing**
i am experienced in full-stack development with the MERN stack (MERN Stack-MongoDB, Express JS. React JS, and Node Js
- **Team leadership**
Led student project teams for three semesters, coordinating tasks, managing deadlines, and motivating members to achieve goals

PROJECT EXPERIANCE

• Road Master Web application

Role – Full Stack Developer

- Developed ROAD MASTER, a road damage reporting and management system using the **MERN** stack to streamline communication between citizens and the Road Development Authority (RDA).
- Utilized **MongoDB** for database management, **Express.js** and **Node.js** for server-side logic, and React with Tailwind CSS for building an interactive, responsive frontend.
- Implemented features such as user issue reporting with images and Google Maps integration, role-based dashboards for Main Admin and Sub Admins, and status tracking with automated notifications, enabling faster response times and transparent road maintenance workflows.

[Click here to view on GitHub](#)

• Frameworks / Tools

- React
- Node.js
- Express
- Android Studio
- Postman

• IDEs

- Vs code
- Android Studio
- IntelliJ IDEA
- Eclipse
- Visual Studio Code

Languages

- English
- Sinhala



INTEREST

- Full-stack development
- learning new languages and AI/ML.
- collaborative projects, continuous self-learning.

● Factory Management System

Role – Full Stack Developer

- Developed a Factory Management System using the **MERN** stack to streamline and digitalize factory operations.
- Utilized **MongoDB** for database management, **Express.js** and **Node.js** for server-side logic, and React for building a responsive and user-friendly frontend.
- Focused on Production & Work Order Management, implementing job scheduling, end-to-end work order tracking, and real-time production monitoring. Also built modules for inventory control, machine and employee management, and sales order processing, ensuring efficient workflows and improved factory management.

[Click here to view on GitHub](#)

● computer spare parts management system

Role – Full Stack Developer

- Developed a Computer Spare Parts Management System using the MERN stack to streamline inventory, supplier, and order management for computer spare parts.
- Utilized MongoDB for database management, Express.js and Node.js for server-side logic, and React for building a dynamic, user-friendly frontend.
- Implemented features such as real-time stock updates, supplier and order tracking, user authentication, and automated report generation, improving efficiency in spare parts management and resource utilization.

[Click here to view on GitHub](#)

● LearnHub Web App

Role – Full Stack Developer

- Developed an online knowledge-sharing platform using **React** with **Supabase** for the frontend and **Spring Boot** for the backend, with **MongoDB** for database management.
- Implemented features for lesson video uploads, post creation, and interactive quizzes, enabling users to share content while learners can watch videos and attempt quizzes.
- Designed a scalable platform to support collaborative learning, efficient content sharing, and progress tracking, enhancing the online education experience.

[Click here to view on GitHub](#)

● Day Tasker

Role – Android Developer

- Developed Day Tasker, an Android application built with Kotlin to help users schedule and manage their day-to-day tasks efficiently.
- Implemented features for task creation, scheduling, and reminders, enabling users to organize daily routines and improve productivity.
- Designed a clean and intuitive mobile UI for seamless task management on the go.

[Click here to view on GitHub](#)



References

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Meteorology

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