









Ashan Dilakshana

undergraduate in BSC (Hons) in information technology

CONTACT

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EDUCATION

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

SKILLS

- fullstack Development
- Database Management
- MERN Stack Developing
- Team leadership
- Language & frameworks
 - Java
 - javaScript
 - C
 - C ++
 - python
 - kotlin
 - React
 - Spring Boot
 - Laravel
 - React Native
 - .NET
- Version Controlling
 - git
 - github

INTEREST

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

PROFILE

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.

PROJECT EXPERIENCE

Road Master Web application

Role – Full Stack Developer

Developed ROAD MASTER, a **full-stack** road damage reporting and management system using the MERN stack and Tailwind CSS. The application streamlines communication between citizens and the Road Development Authority (RDA) by featuring user issue reporting with Google Maps integration, role-based admin dashboards, and an automated notification system for transparent status tracking, which successfully enabled faster maintenance response times.

Factory Management System

Role – Full Stack Developer

Developed a comprehensive Factory Management System using the **MERN stack** to digitalize and streamline operations. This full-stack application features a robust **Production & Work Order Management** module with job scheduling, end-to-end tracking, and real-time production monitoring. The system, built with a React frontend, also integrates modules for inventory control, machine/employee management, and sales order processing to create efficient, end-to-end factory workflows.

LearnHub Web App

Role – Full Stack Developer

Developed an Online Knowledge-Sharing Platform using a **Java Spring Boot** (back-end) and **React** (front-end) architecture with a **MongoDB database**. The platform enables creators to share content via video uploads (managed with Supabase) and text posts, while learners engage by watching lessons and completing interactive quizzes. This scalable system was built to support collaborative learning, efficient content sharing, and user progress tracking.

computer spare parts management system

Role – Full Stack Developer

Developed a full-stack Computer Spare Parts Management System using the **MERN stack** to centralize inventory, supplier, and order workflows. The application features a dynamic React frontend for real-time stock updates, secure user authentication, and automated report generation, leading to improved operational efficiency by 15%, reducing manual errors by 30%, and optimizing resource utilization.

REFERENCES

A L K Wijemannage

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Ms. Geethanjali

Senior Lecturer Faculty of
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