Luqman Cassim

Undergraduate of Information Technology

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Professional Summary

Final-year IT undergraduate at the University of Moratuwa with hands on project experience building full stack projects. I am a proven collaborative team player proven to work at fast-paced team environments and deliver solutions on-time using modern workflows and technologies.

Education

BSc. Information Technology

University of Moratuwa

- Final Year (2.9 GPA)

Diploma in IT

Esoft Metro Campus

- Studied fundamentals of programming, software development, databases, networking, and computer systems

Ordinary Level

Dharmapala College

Advanced Level

Carey College

Technical Skills

Backend: ASP.NET Core, EF Core

Frontend: JavaScript, React, TailwindCSS

Database: SQLServer, MySQL, PostgreSQL

DevOps: Docker, GitHub Actions, CI/CD

AI Tools : Microsoft Copilot, Codex

Certifications

Microsoft Backend Development with .NET

Coursera

Projects

Cliniq - Backend Server

08/2026

Built a layered REST API for patient, doctor, appointment, and medical record management

- 95% unit test coverage and business-rule validation to prevent conflicting appointments and double-booking.

ASP.NET, SQL Server, XUnit, Redis

Payroll Management System

10/2025

Contributed to backend development of PayPoint, a payroll management system handling salary processing, tax calculation, and bulk payroll runs.

- Improved performance using batch processing and async workflows.
- Gave payroll admins department-level performance visibility, as measured by filterable charts, by building visualizations with react-chartjs-2.

React.js, TailwindCSS, Express.js, MySQL

Pearl Lanka - Travel Advisory

12/2025

Built a travel safety web app for tourists in Sri Lanka, combining interactive mapping, real-time weather data, and location-based risk scoring.

- Implemented geolocation-based and manual location search as measured by all 25 districts covered, by implementing geolocation and manual search on MapBox.
- Designed a place-type-specific etiquette guidance cards sourced from structured JSON data

React.js, ASP.NET, MapBox, JSON, PostgreSQL

Extracurriculum Activities

School Karate Club Captain

School Vice President of English Literary Association

Member of School Interact & Leo Club