ISURI MANIKYA LOKUPATHIRAGE

Moratuwa, Sri Lanka

isurim2002@gmail.com +94 714640667

www.linkedin.com/in/isurim2002

https://github.com/Isuri2002

Profile

A self-motivated and enthusiastic learner passionate about software engineering, aiming to build a successful career in the IT industry. Committed to developing strong technical skills, a growth mindset, and a professional attitude to become a well rounded IT professional.

Education

University of Moratuwa - Faculty of Information Technology 2023 - 2027
Bachelor of Science Hons in Information Technology

Taxila Central College – Horana
G.C.E. A/L (Physical Stream) – AAC
G.C.E. O/L – 9As

Skills

Technical Skills

Programming Languages: JavaScript, HTML, CSS, C, Java
Frameworks & Libraries: React, Tailwind CSS
Databases: MySQL, MSSQL
Tools & Platforms: Git, GitHub, Postman
Design Tools: Canva, Figma

Soft Skills

Collaboration: Team Work, Communication, Interpersonal Skills
Problem Solving: Critical Thinking, Analytical Thinking, Adaptability
Work Ethic: Hardworking, Time Management, Attention to Detail

Projects

Paper Sync Exam Paper Management System – Full Stack Project (React, Spring boot, MySQL) [GitHub]

Developed a role-based web application for managing exam papers and user workflows in an academic setting. The system features secure user authentication, profile completion, and admin approval. Super admins can manage users and assign roles; paper setters can view announcements, assigned subjects, and schedules; and course administrators can manage subjects and communicate with paper setters. The platform supports real-time activity tracking, announcement delivery, and secure data management.

Terrasmart: Automated Closed Terrarium System[Linkedin]
Microcontroller-Based IoT Project | ESP32, C++, Web Server, Sensors
Led the development of an automated terrarium system designed to optimize environmental conditions for plant growth using ESP32 microcontroller technology. The system integrates sensors and actuators to regulate temperature and soil moisture while enabling real-time monitoring through a built-in web server. Users can remotely access environmental data and manage settings via any internet-connected device.

Extracurricular

Futuro 3.0 organized by IEEE WIE Student Branch Affinity Group
University of Moratuwa
Finance Committee member

Achievements and Participation

Participate – CodeRush 6.0 2025, organized by INTECS Faculty of IT, University of Moratuwa
Participate – MoraXtreem 9.0, organized by IEEE Student Branch & IEEE Computer Society of University of Moratuwa
Participate – HackMoral 7.0, organized by INTECS faculty of information technology, University of Moratuwa – 26th place

Languages

Sinhala (Native)
English

References

Mr. W.M.L.C. Wikramasinghe,
Deputy Director,
DTET