



IMASHI WIMALASEKERA

SOFTWARE ENGINEER INTERN

CONTACT

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TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- C
- Java
- JavaScript
- Python

WEB DEVELOPMENT

- HTML
- CSS
- React JS
- SpringBoot
- Tailwind CSS
- Node JS

DATABASE

- MySQL
- MongoDB

UI/UX DESIGNING

- Figma

VERSION CONTROL

- Git
- GitHub

PROFILE

An enthusiastic and dedicated undergraduate with a passion for innovation and continuous learning. Known for strong confidence, adaptability, and leadership skills, I approach complex challenges with creativity and a solution-oriented mindset. I am seeking a **Software Engineer Intern** position to apply my technical knowledge, contribute to impactful projects, and further enhance my professional skills within a dynamic and collaborative IT environment.

EDUCATION

University of Moratuwa	2023 - PRESENT
B.Sc. (Hons) in Information Technology	
• CGPA - 3.37	
Technical College - Kuliayapitiya	2022 - 2023
NVQ 4 - National certificate in Engineering Draughtsmanship	
Dhammissara National College - Nattandiya	2021
G.C.E. Advanced Level	
• Physics - A Chemistry - B Biology - C	

PROJECTS

Paper Sync - Exam Paper Setters and Payment Management System

Level 02 Software Development Project (2024 - 2025)

Developed a centralized web and mobile application for the Department of Technical Education and Training (DTET) to manage resource persons, assign courses and paper setters, handle exam document uploads, and automate payment processing.

- I developed the Exam paper upload module and implemented core features for Exam administrators to assign paper setters, track progress and verify submitted papers.
- Technologies : **React JS, Springboot, MySQL, Flutter**
- Repo Links : Paper Sync - Web application
Paper Sync - Mobile application

QuizMaster - Real-time Multiplayer Quiz Game (Group Project)

Developed a real-time multiplayer quiz platform using Java, WebSockets, RMI, and Firebase, implementing secure login, room management, synchronized timers, distributed questions, and real-time leaderboards.

- I developed the Login & User Management module with Firebase authentication, session management, and role-based access control for players and admins.
- Technologies : **Java, HTML, Firebase**
- Repo link : QuizMaster - Web application

PROJECT MANAGEMENT TOOL

- Jira

OTHER TOOLS

- Canva
- Postman

SOFT SKILLS

- Problem Solving
- Leadership
- Creative thinking
- Team collaboration
- Time management
- Effective communication

LANGUAGES

- English
- Sinhala (Native)

COMPETITIONS

- J'PURA XTREME - Organized by IEEE - University of Sri Jayewardenepura
- Devthon 2.0 (2025) - Organized by LEO club - University of Moratuwa
- Hackelite 2.0 (2025) - Organized by IEEE WIE - University of Moratuwa

REFERENCES

Ms. Adshayani Pirapaharan

Lecturer

Department of Information Technology
Faculty of Information Technology
University of Moratuwa

✉ padshayani@uom.lk

Mr. W.M.L.C. Wickramasighe

Deputy Director - Testing and Evaluation
Department of Technical Education and Training
Colombo 10.

✉ wmlcwickrama@gmail.com

Automobile Service Time Logging & Appointment System (Group Project)

Developed an Automobile Service Management System that enables customers to book vehicle services, track real-time progress, and request modifications, while employees can log work hours, update service status, and manage appointments with secure, role-based access.

- I developed the Employee Dashboard with task management, progress updates, and workload analytics integrated with MongoDB.
- Technologies : **ReactJS, NodeJS, ExpressJS, MongoDB**
- Repo link : [Github/Enterprise-application-development](#)

TerrasMart - Automated Closed Terrarium System

Level 01 Micro-controller based IoT Project (2023 - 2024)

Designed and developed an automated microcontroller-based terrarium system with sensor-driven temperature and soil moisture control, along with real-time monitoring via a web interface. Contributed by integrating the 16×2 LCD with the ESP32, programming the vertical float switch for automated water and fertilizer level detection, and assisting in building the terrarium structure.

- Technologies : ESP32, C++, Sensors, Web server
- Link : [TerrasMart - Automated Closed Terrarium](#)

EXTRA-CURRICULAR ACTIVITIES

- **Programme Committee Member (2025)**
Enginuity 2.0 (Ongoing Project) -IEEE WIE Student Branch Affinity Group - University of Moratuwa
- **Design Committee Member (2025)**
PES x WIE: Empowering Yourself as a Woman in Engineering - IEEE WIE Student Branch - University of Moratuwa
- **Company Coordinator (2025)**
FIT Future Careers 2025 - Faculty of Information Technology
- **Graphic Design Team Member (2025/26)**
SEDS MORA - University of Moratuwa

CERTIFICATIONS

- HackerRank Software Engineer Intern certificate from HackerRank
- HackerRank skill certification test - Java (Basic) from HackerRank
- Data structures in C from Great Learning
- Python for beginners from University of Moratuwa
- Introduction to C from SoloLearn
- Introduction to SQL from SoloLearn
- Introduction to HTML from SoloLearn