W.M.M.B. WEERAKOON

Software Engineering Undergraduate

✉ matheeshaweerakoon22@gmail.com   📞 +94 762314089

📍 Colombo, Sri Lanka   ⊙ github.com/matheeshaW

in linkedin.com/in/matheesha-weerakoon   🔗 Portfolio

PROFESSIONAL SUMMARY

Motivated 3rd-year Software Engineering intern proficient in Full Stack (MERN, Spring Boot) and Mobile Application Development (Flutter, Kotlin). Experienced in leading agile teams and delivering complex software solutions ranging from FinTech to Sustainable Fashion platforms. Passionate about bridging the gap between backend logic and intuitive user experiences. Seeking a Software Engineering Internship to contribute technical skills and innovation to a dynamic engineering team.

EDUCATION

BSc (Hons) in Information Technology Specialising in Software Engineering   2026
Sri Lanka Institute of Information Technology (SLIIT)
- Current CGPA: 3.78
- Awards: Dean's List Award (3 Consecutive Semesters).
- Scholarship: 50% Scholarship awarded for academic excellence (2nd Year, 1st Semester).

TECHNICAL SKILLS

Languages
Java, JavaScript, C, C++, Python, PHP, Kotlin, Dart

Web Technologies
React.js, Node.js, Express.js, HTML5, CSS3.

Backend & Frameworks
Spring Boot, RESTful APIs.

Mobile Development
Flutter, Firebase, Android Studio (Native Kotlin).

Databases
MongoDB (Data Modeling), MySQL, Firebase.

Tools & DevOps
Git, GitHub, Docker, AWS, Linux Command Line, Postman.

Methodologies
Agile/Scrum, OOP, MVC Architecture.

KEY PROJECTS

SwapWear - Sustainable Apparel Swapping Platform ⧉   10/2025
3rd Year
Tech Stack: Flutter, Firebase, Google Cloud Vision API
- Developed a mobile-first platform enabling users to swap used apparel to reduce textile waste (SDG 12).
- Integrated Google Cloud Vision API for automated image recognition and categorization of clothing items.
- Implemented complex UI/UX designs focused on accessibility and user engagement.
- Managed real-time data syncing and authentication using Firebase.

Fixlt Now - Local Service Marketplace ⧉   09/2025
3rd Year
Tech Stack: Java Spring Boot, React.js, MySQL

- Built a comprehensive marketplace connecting local service providers (plumbers, electricians) with customers.
- Adopted the Agile Scrum framework to manage the development lifecycle, conducting sprint planning and reviews.
- Developed robust REST APIs using Spring Boot to handle user requests, service listings, and booking management.

Learning Roadmap Platform – Career Guidance System | Ongoing ⬈   11/2025 – Present
Personal
Tech Stack: Laravel (PHP), React.js, MySQL, Tailwind CSS
- Developing a full-stack platform providing structured career roadmaps for engineering students.
- utilizing **Laravel** for robust backend logic and API management, integrated with a **React** frontend.
- Implementing responsive UI designs using **Tailwind CSS** to ensure cross-device compatibility.
- Managing the project using **Agile Scrum**, conducting regular sprint reviews to refine features.

SpiceSense - Inventory Management System ⬈   05/2025
2nd Year
Tech Stack: MERN Stack (MongoDB, Express.js, React.js, Node.js)
- Role: Lead Developer for Order Processing & Financial Management Modules.
- Designed a secure Payment Gateway Integration supporting credit card management (Add/Edit/Delete) with encryption standards.
- Automated Invoice Generation, linking orders to payments for downloadable PDF reports.
- Developed an Admin Financial Dashboard to visualize top-selling items and generate summary reports using real-time filtering.

Cinemafy Movie Streaming Web Application ⬈   10/2024
2nd Year
Tech Stack: Java (Servlets), MySQL, HTML/CSS
- Built a movie streaming platform utilizing MVC Architecture and Object-Oriented concepts.
- Developed an admin dashboard for content management and a user rating system.

LEADERSHIP, CERTIFICATIONS & EXTRACURRICULAR

- - Team Leader: Led software development project groups during 2nd Year (1st Sem) and 3rd Year (1st Sem), managing task delegation and code reviews.
- Coursework: Currently pursuing a DevOps certification to enhance CI/CD and deployment skills.

- Certification: MongoDB Data Modeling Path (Completed).
- Member, Software Engineering Student Community (SESC) of SLIIT (2025 – Present)

References

Mrs. Uthpala Samarakoon, *Senior Lecturer / Faculty of Computing*,
Department of Information Technology, Sri Lanka Institute Of Information Technology
uthpala.s@sliit.lk, +94 11 754 4138

Mr. Tharindu Weerakoon ⬈ , *Senior Architect - Software Engineering*, Mobitel (Pvt) Ltd
linkedin.com/in/twonline, +94 71 229 6178