

UMESHA SHEHANI ABEYWICKRAMA

Software Engineer | Full-Stack Developer

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PROFESSIONAL SUMMARY

Dedicated Information Technology undergraduate with hands-on experience in full-stack web and mobile application development. Proficient in the MERN stack, React Native, and Flutter to build scalable platforms and context-aware systems. Adept at problem solving, maintaining strict code quality, and collaborating in fast-paced environments to deliver optimized technical solutions.

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT)

BSc (Hons) in Information Technology

May 2021 – 2026

Malabe, Sri Lanka

RELEVANT COURSEWORK

Data Structures, Algorithms, Data Communication Networking, Web Technology, Mobile Technology, Software Quality Assurance, Cloud Computing

EXPERIENCE

Gamage Recruiters (Pvt) Ltd

Software Engineer

2024 – 2025

Panadura, Sri Lanka

- Developed and optimized backend systems using the MERN stack, directly contributing to the core functionality of the company's digital platforms.
- Maintain strict code quality standards by actively participating in code reviews to improve overall system performance and maintainability.
- Troubleshoot and debugged software issues efficiently, resolving system errors to ensure the smooth operation of internal tools.
- Collaborated with cross-functional teams in a fast-paced environment, ensuring the timely and successful delivery of technical solutions.

PROJECTS

Moodmate (AI-Powered Recommendation System) | Flutter, Python Flask, C++

- Developed a context-aware Flutter application powered by explainable AI to deliver personalized, emotion-driven lifestyle recommendations for working adults.

AquaVet (Fish Disease Diagnosis) | React Native, Python

- Built a cross-platform mobile app with a robust Python backend to monitor, diagnose, and manage aquarium environments.

Online Tourism Management System | MERN Stack, Java

- Engineered a full-stack web application to streamline online tourism management and daily operations.

Online Meal Dish Shop | Kotlin

- Architected with a secure e-commerce platform for online food ordering, featuring seamless user authentication and an intuitive UI.

Hotel Management System | Java

- Developed a comprehensive Java-based system to efficiently streamline and manage daily hotel operations.

Bookwarm Mobile App | Next.js

- Developed a mobile application tailored to readers and book enthusiasts.

TECHNICAL SKILLS

Languages: Java, Python, C, C++, SQL, JavaScript, TypeScript, Dart, PHP, HTML, CSS

Frameworks & Libraries: React.js, Node.js, React Native, Flutter, Next.js

Tools & Technologies: MongoDB, Android Studio, Visual Studio, Git

Soft Skills: Basic SEO knowledge, Teamwork, Leadership, Critical Thinking, Problem Solving

CERTIFICATIONS

- Python for Beginners, Department of Computer Science & Engineering, University of Moratuwa
- Advanced Diploma in Database Systems, ALISON
- Develop Skills in English, University of Colombo