SITHMI SASANKA
Software Engineer Intern

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Sithmi-Sasanka

Beliatta, Hambantota

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT)
BSc (Hons) in Information Technology
Specialization: Software Engineering
2023 – Present
Current GPA: **3.36**

H/Rajapaksa Central College
G.C.E. Advanced Level – Bio Science
Stream
2021

PROFFESIONAL SKILLS

Programming Languages
Java | C | C++ | Python | JavaScript | Scala |
Dart | R | HTML

Frameworks & Libraries
React.js | Node.js | Flutter | Bootstrap

Full-Stack & Web Technologies
MEARN Stack | PHP | REST APIs

Databases
MongoDB | MySQL

Tools & Platforms
Git | GitHub

Profile

Undergraduate Software Engineering student at SLIIT with a strong passion for software development. Highly motivated to expand my skill set, embrace new challenges, and pursue industry opportunities that support my growth and career development.

Projects

AeroGuard – Smart Air Quality & Exposure Management App
Tech: React Native | TypeScript | Firebase | Google Maps API | IQAir API | OpenAQ
URL: https://github.com/Sithmisasanka/Aero-Guard-Mobile-App

- AeroGuard is a mobile solution that helps users monitor air pollution with real-time AQI data, personalized health tips, cleaner route suggestions, and weekly exposure insights. It also includes multilingual support, symptom tracking, and smart alerts for users with respiratory sensitivities.

BeatBox – Online Music Store System
Tech: Java | JDBC | MySQL
URL: https://github.com/Sithmisasanka/Beat-Box-Music-Store

- BeatBox is a Java-based desktop music app where users can browse, purchase, and play songs. Artists manage their uploads, while admins oversee content and updates. Built using core OOP principles with JDBC connectivity.

Smart Healthcare System – Full-Stack Hospital Management Platform
Tech: Next.js | React | TypeScript | Node.js | Express.js | MongoDB | JWT | Tailwind CSS | QR Code
URL: https://github.com/Sithmisasanka/Smart-Healthcare-System

- Smart Healthcare System is a full-stack hospital platform that digitalizes patient–doctor interactions with secure roles, smart appointment scheduling, QR-based patient identification, and centralized medical records to streamline urban healthcare workflows.

Portfolio Website – Modern React + portfolio
Tech: React | TypeScript | Vite | Tailwind CSS | Framer Motion | Three.js | tsParticles
URL: https://sithmi-sasanka.vercel.app/

- A modern React + TypeScript portfolio with smooth animations, particle effects, 3D visuals, dark mode, and optimized performance. Includes a functional contact form and interactive, responsive UI components.

PERSONAL SKILLS

Core Strengths
Leadership | Motivation | Self-learning

Work Ethic
Hard-working | Consistent improvement

Team Skills
Collaboration | Supporting team goals

Design Skills
Blender | Canva | Figma

PROFFESIONAL INTERESTS

Tech Focus
Web Development | Mobile Apps | UI/UX | Tech Trends

Personal Growth
Problem Solving | Entrepreneurship

VOLUNTEER

SLIIT Computer Society
Participated in university tech events, workshops, and peer-learning activities.

Leo Club
Engaged in community service initiatives, charity programs, and student-led events.

REFERENCES

Mr. Harshanath SMB
Lecturer – Computer Science & Software Engineering
Faculty of Computing (FOC), SLIIT
Mobile: +94 777 762423
Email: harshanath.s@sliit.lk

Hareen Udayanath
Technical Lead – Matific Sri Lanka
BSc. Engineering (Computer Science and Engineering),UOM
Mobile: +94 778936944
Email: hareenudayanath@gmail.com

Fuel Station – Financial & Operations Management System
Tech: React.js | Node.js | Express.js | MongoDB | Material-UI
URL: https://github.com/Sithmisasanka/Fuel-Station-Management-System

- Fuel Station Management System is a full-stack web app that streamlines fuel station operations with integrated sales tracking, inventory monitoring, financial management, customer handling, and HR tools.

SpendSavvy – Personal Finance Tracker (Android App)
Tech: Kotlin | Android Studio | MVVM | XML | SharedPreferences | Internal Storage
URL: https://github.com/Sithmisasanka/Finance-Tracker

- SpendSavvy is a Kotlin-based finance app that tracks income/expenses, sends budget alerts, and shows category-wise spending insights. Built with MVVM and local storage for a simple, reliable money-management experience.

Car Rental System – Web Application
Tech: PHP | HTML5 | CSS | JavaScript | MySQL
URL: https://github.com/Sithmisasanka/Car-Rental-System

- A web application for managing car rentals, allowing users to browse and filter vehicles, make bookings, and view schedules. It includes secure user login, an admin dashboard for fleet and booking management, and customer feedback support.

Certifications

MongoDB Java Developer Path
URL: https://learn.mongodb.com/c/fOOlcqhESHufY7Gb3eQaFA

MongoDB Node.js Developer Path
URL: https://learn.mongodb.com/c/25E3MQZEQXSAcIbvbuGWwg

MongoDB Python Developer Path
URL: https://learn.mongodb.com/c/7_Fltu6DQGCUu6USTefEfQ

Building GenAI Apps – Learning Badge Path
URL: https://learn.mongodb.com/c/YAagCjI-S7ad_QQP68XsRg

MongoDB Atlas Administrator Path
URL: https://learn.mongodb.com/c/twRE_vnoRsa0AbI3ZcKIxA

C for Beginners – Great Learning
URL: https://olympus.mygreatlearning.com/courses/54666/certificate