



GIMHANI JAYASURIYA

Aspiring Software Engineer | Full-Stack Developer

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PROFESSIONAL SUMMARY

Motivated third-year Information Technology undergraduate at SLIIT with hands-on experience in full-stack web and mobile development. Proficient in React, Next.js, Spring Boot, Kotlin, and modern databases such as PostgreSQL and MongoDB. Passionate about building scalable, user-centered applications. Seeking a software engineering internship to apply technical expertise in a real-world environment. Recognized for strong problem-solving abilities, collaboration, and adaptability in diverse team settings.

EDUCATION

BSc. (Hons) in Information Technology Specializing in Information Technology

Sri Lanka Institute of Information Technology (SLIIT)

Expected Graduation: Nov 2026

Relevant Coursework: Data Structures, Web Development, Database Management, Software Engineering

G.C.E. Advanced Level: Physical Science Stream (Completed)

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Java, Kotlin
- **Frontend:** React, Next.js, Tailwind CSS, Chart.js, CSS Modules
- **Backend:** Node.js, Spring Boot, Express
- **Databases:** PostgreSQL, MongoDB, MySQL, SQLite
- **Tools & DevOps:** Git, GitHub, SonarQube, Selenium, Prisma ORM
- **Design & Methodologies:** Figma, Agile, UI/UX, OOP

PROJECT EXPERIENCE

Moneywise Finance Tracker

Full Stack Developer | Next.js, React, MongoDB, Prisma ORM, Tailwind CSS

SLIIT Group Project (2025)

- Designed and implemented the Income Module, enabling CRUD operations, sortable and filterable tables, and dynamic visualizations using Chart.js.
- Developed the Income Goal Setting feature, allowing users to set monthly/custom goals with real-time progress tracking and actionable feedback.

- Integrated secure authentication, responsive UI, and PDF export.
- Managed work tracking and sprint planning using Azure Boards (Azure DevOps); ensured code quality via SonarQube & Selenium.
- Collaborated on UI/UX design for a seamless, mobile-friendly user experience.
- Delivered the project ahead of schedule, achieving 80% of the milestones by the 10th week of the 12-week timeline.

LearnLoop – Skill-Sharing Platform

Full Stack Developer | Spring Boot, React, MongoDB

SLIIT Group Project (2025)

- Built a quiz creation and task completion system for a collaborative learning platform.
- Developed REST APIs for quizzes and task tracking.
- Implemented role-based access control and React components for admin/user interfaces.

VitalLink – Patient Management App

Mobile Developer | Android Studio, Kotlin, SQLite

Individual Project (2024)

- Built a secure Android app to manage patient records.
- Implemented CRUD functionality, advanced search, and data privacy measures.

Tourism Website Review & Rating System

Full Stack Developer | MERN Stack (MongoDB, Express, React, Node.js)

SLIIT Group Project (2024)

- Developed a real-time review and rating system featuring content moderation, a notification system, and performance optimizations.

Redesigning Takas.lk – Human-Computer Interaction Project

Team Lead & UX Designer | Figma, User Research

SLIIT Group Project (2024)

- Led a team identify and address usability issues on the e-commerce site Takas.lk.
- Conducted contextual inquiries and user interviews to gather actionable insights.
- Redesigned key pages in Figma (Fashion Category, Add to Cart, Cart Page).
- Presented before-and-after video walkthroughs highlighting usability improvements.

LANGUAGES

- English
- Sinhala

REFERENCES

Bhuddika Harshanath

Lecturer

SLIIT | Metro Campus

Department of Information Technology, Faculty of Computing

MIEEE, MCSSL, MCAD, MSc in IT (SLIIT)

harshanath.s@sliit.lk