



# TEHAN SITHESH

Undegraduate

## CONTACT

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## TECHNICAL SKILLS

- Programming Languages: Java, Python, JavaScript, C++, C#
- Web Development: HTML, CSS, JavaScript, React, Vite
- Backend Development: Node.js
- Mobile App Development: Android Studio (Java)
- Database Management: SQL, Firebase
- Software Development & Tools: Agile, SDLC, GitHub

## ABOUT ME

I am a Software Engineering undergraduate at SLIIT City Uni with a strong interest in web development, mobile app development, and Artificial Intelligence. I enjoy solving problems, taking the lead in projects, and continuously improving my skills. I have completed the Foundation Certificate in Information Technology (FCIT) at SLIIT City Uni and worked on projects such as a quiz app using APIs and a multi-agent WhatsApp assistant chatbot designed to help students with university-related queries. I am currently exploring AI and planning to deepen my knowledge in this field. I am hardworking, determined, and always find a way to get things done, while staying open to learning new programming languages and technologies.

## HIGHER EDUCATIONAL QUALIFICATIONS

2025 September - Present

### SLIIT CITY UNI

- BSc (Hons) Software Engineering

2023 June - 2025 June

### SLIIT CITY UNI

- Higher National Diploma in Information Technology

2022 June - 2023 June

### SLIIT Academy

- Foundation Certificate in Information Technology (FCIT)

## EXPERIENCE

Intern

Jul 2025 - Oct 2025

### Finance & Digital Marketing Intern - Routes to Ceylon (Pvt) Ltd

- Assisted with finance-related activities and day-to-day operations.
- Designed creative content for social media posts to support digital marketing initiatives.
- Contributed to the Guest Envelope design project.
- Provided IT-related support to staff when required.
- Recognized for enthusiasm, diligence, and professionalism.

## SOFT SKILLS

- Problem-Solving
- Leadership
- Communication
- Critical Thinking

## LANGUAGES

- English
- Sinhala

**Project (Backend + Full-stack): GSMarena Explorer** 2025

**GSMarena Explorer - Full-stack Web App (React + Tailwind + Node/Express)**

- Built a high-performance UI to browse and compare GSMarena device data (brands, devices, specs, comparisons).
- Developed a Node.js + Express web-scraper API using Cheerio to parsrands, device lists (pagination), and device specs; integrated frontend via configurable API base.
- Tech: React, Vite, Tailwind CSS, Node.js, Express, Cheerio, REST, Git

**Project (Frontend / React): Premium Mobile Store E-Commerce Prototype** 2025

**Opsel Mobile City - Premium Mobile Phone Store UI (React +**

**TypeScript + Tailwind)**

- Designed a modern, high-fidelity e-commerce prototype with product catalog, filters, sorting, and load-more pagination.
- Built dynamic product pages with image galleries, spec tabs, pricing discounts, and CTA flows (WhatsApp/contact).
- Implemented polished UI/UX: scroll reveal animations (Intersection Observer), micro-interactions, glassmorphism, custom scrollbar, fully responsive layout.
- Created a maintainable structure with reusable components, typed models, and theme customization via CSS variables.
- Tech: React, TypeScript, Vite, Tailwind CSS, React Router, Headless UI, Lucide React, clsx, tailwind-merge, Git

**Project** 2025

**BananaMath Adventure (Web Game) - HTML · CSS · JavaScript ·**

**Tailwind CSS · Firebase Auth · Firestore**

- Built a browser-based math puzzle adventure with progressive levels, boss stages, and Normal/Quick Play/Practice modes.
- Added daily puzzles, coins, power-ups, and 20+ achievement badges to boost engagement.
- Integrated Firebase Auth/Firestore for user profiles, leaderboards, stats, and saved progress.
- Designed timed challenges with level goals, retries, and a responsive UI with Jungle/Ocean/Candy themes plus dark mode.

**Project** 2024

**RainForest Tea (Desktop) - Java · JavaFX · MySQL · IntelliJ IDEA**

- Built a tea management system to manage products, orders, inventory, suppliers, customers, and equipment maintenance with full CRUD.
- Implemented a MySQL-backed data model with validation to maintain data accuracy across entities.
- Developed a JavaFX UI with styled forms/tables for fast entry and review.
- Added email notifications for key events (e.g., low stock and maintenance reminders).

Project

2024

### Quiz App (Android) - Java · REST APIs · Firebase · Android Studio

- Built a trivia app that fetches questions from a remote API (JSON) and renders them in a responsive Android UI.
- Implemented a scoring system with answer validation and end-of-quiz summary.
- Used Firebase for storing user data/scores and basic analytics/auth.
- Added loading/error states and input validation for reliable UX.

Project

Ongoing

### Multi-Agent WhatsApp Bot Assistant for SLIIT City University

- Builds a WhatsApp-based student support assistant that detects intent and routes queries to specialist agents (Finance/Academic/Student Affairs).
- Developing a Node.js backend + Python AI service for routing/classification and responses.
- Uses Firebase Firestore for the agent Q&A knowledge base; includes a minimal admin console for Q&A updates/log review.

Personal

2025

### Personal Portfolio Website (Tehan Hewage) - HTML5 · CSS3 · JavaScript · Tailwind (CDN) · EmailJS · Font Awesome

- Built a personal portfolio site to showcase skills, projects, and contact details with clear, fast navigation.
- Implemented animated UI: logo loader, typing hero section, particle background, cursor trail, smooth scroll, and scroll progress bar.
- Delivered a responsive dark theme with cyan accents, hover effects, mobile menu, back-to-top button, and scroll-reveal animations.

## REFERENCES

**Nilusha J. Dharmapriya**

**Head of Operation**

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