RAGEESHAN CHANDRASEGARAN

SOFTWARE ENGINEERING UNDERGRADUATE

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SUMMARY

Motivated third-year Software Engineering undergraduate at SLIIT with a strong interest in full-stack, mobile, and software application development. Passionate about learning and applying technical skills in real-world projects, with a proactive and collaborative mindset. Eager to contribute and grow through an internship opportunity.

PROJECTS

Swift Aid - Emergency Response Coordination System — Jul 2025 - Nov 2025

Technologies and Tools: React JS, Express JS, Node JS, MongoDB, VS Code, Git/Github

- A MERN-based emergency response system with SOS reporting, real-time dispatch, live tracking, and role-based access for multiple stakeholders. Implemented Agile Scrum practices, modular architecture, UML design, and conducted unit, API, and load testing to ensure scalability, security, and reliability.

QuickSpin - Online Laundry Management System — Feb 2025 - May 2025

Technologies and Tools: Java, Java Servlets, JSP, HTML, Tailwind CSS, JavaScript, JDBC, MySQL, Apache Tomcat, Eclipse, Git/GitHub

- Developed a web-based laundry management system with service selection, appointment booking, online payments, and customer dashboards. Built a comprehensive admin panel for managing services, payments, users, staff, transactions, and feedback to ensure efficient operations.

Ceylon Safari - Online Boat Safari Trip Management System — Jul 2024 - Nov 2024

Technologies and Tools: HTML, CSS, JavaScript, PHP, MySQL, XAMPP, VS Code, Git/GitHub

- Developed a web-based safari booking and management system with online package browsing, reservations, and booking management. Implemented using PHP, HTML, CSS, and JavaScript with user authentication, structured booking workflows, and admin management features.

WellNest - Personal Wellness Tracker App

Technologies and Tools: Kotlin, Android Studio

- Developed an Android wellness application featuring a daily habit tracker, emoji-based mood journal, and hydration reminders with background scheduling. Implemented persistent data storage using SharedPreferences and designed an intuitive UI to improve user engagement and habit consistency.

EDUCATION

BSc (Hons) in Information Technology Specializing in Software Engineering — Nov 2023 - Present

Sri Lanka Institute of Information Technology (SLIIT)
CGPA - 2.75
Current Year/Semester - 3rd Year 1st Semester

G.C.E Advanced Level — 2023

Trinity College, Kandy

G.C.E Ordinary Level — 2019

Trinity College, Kandy

TECHNICAL SKILLS

Java │ Pyhton │ C │ C++ │ PHP │ Kotlin │ HTML │ CSS │ JavaScript │ Tailwind CSS │ Bootstrap │ React JS Node JS │ Express JS │ MongoDB │ MySQL │ Java Servlets │ JMeter │ Postman │ JIRA │ XAMPP │ Selenium

SOFT SKILLS

Project Management │ Public Relations │ Teamwork │ Time Management │ Leadership │ Effective Communication │ Critical Thinking

LANGUAGE

English (Fluent) │ Tamil (Native) │ Sinhala (Working proficiency)

CERTIFICATIONS

Microsoft Azure AI Essentials: Workloads and Machine Learning on Azure - LinkedIn

Python Essentials 1 - Cisco Network Academy

Build a Smart AI Chatbot using Microsoft Azure Tools - Microsoft Learn Student Ambassadors

Diploma in English and Diploma in Information and Communication Technology - ICBT

ADDITIONAL INFORMATION

- **Extra Curricular Activities:**
    - Vice President - Trinity College Media Unit (2022)
    - Editor - Trinity College Hindu Students Movement (2022)
    - Chief Coordinator - Trinity College Social Service Union (2022)
    - Co-Editor - Trinity College Tamil Literary Union (2022)
    - Member - Trinity College Commerce Society (2020-2022)
    - Member - Trinity College Young Entrepreneurs Club (2020-2022)
    - IGV IR & M Team Member - AIESEC in SLIIT (August 2025 - January 2026)
    - IGV B2B Team Leader - AIESEC in SLIIT

REFERENCE

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