# RAGEESHAN CHANDRASEGARAN

Undergraduate

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📍 Malabe, Sri Lanka

in Rageeshan Chandrasegaran

## PROFESSIONAL PROFILE

Enthusiastic third-year undergraduate pursuing a Bachelor of Information Technology specializing in Information Technology at the Sri Lanka Institute of Information Technology (SLIIT). Passionate about learning new technologies and applying them in real-world projects. Highly motivated, detail-oriented, and eager to contribute to dynamic and challenging environments. Strong interest in software development, problem-solving, and teamwork, with a commitment to continuous growth and professional development.

## PROJECTS

**SwiftAid - Emergency Response Coordination System**  2025 July – Present

Technologies and Tools: React JS, Express JS, Node JS, MongoDB,
- Developed SwiftAid, a web-based emergency response system for Sri Lanka, facilitating SOS reporting, real-time responder assignment, and resource management for users, dispatchers, responders, hospitals, and NGOs, incorporating live tracking, secure access, and integrations for navigation, notifications, and donations to enhance life-saving efficiency.
- Utilized Agile Scrum methodology with MERN stack, ensuring scalability, usability, and security through modular design, UML modeling, and rigorous testing including unit, API, and load evaluations.

**QuickSpin - Online Laundry Management System**  2025 February – 2025 May

Technologies and Tools: Java, Java Servlets, JSP, HTML, Tailwind CSS, JavaScript, JDBC, MySQL, Apache Tomcat, Eclipse, Git/GitHub
- Developed Quick Spin, a web-based laundry management system, enabling customers to select services, book appointments, and make online payments, while providing a user dashboard for order and profile management.
- Designed a robust admin backend panel for managing laundry services, verifying payments, handling customer accounts, managing staff, transactions, and feedback, ensuring efficient operational oversight.

**Ceylon Safari - Online Boat Safari Trip Management System**  2024 July – 2024 November

Technologies and Tools: HTML, CSS, JavaScript, PHP, MySQL, XAMPP, VS Code, Git/GitHub
- Developed a web-based safari booking and management system enabling users to view packages, make reservations, and manage bookings online.
- Built using PHP, HTML, CSS, and JavaScript, featuring user authentication, booking workflows, and admin management tools.

**WellNest - Personal Wellness Tracker App**

Technologies and Tools: Kotlin, Android Studio
- Developed WellNest, an Android application designed to promote personal wellness by helping users manage daily health routines. The app features a Daily Habit Tracker, Mood Journal with emoji-based logging, and a Hydration Reminder with background scheduling.
- Implemented persistent data storage using SharedPreferences and built a clean, intuitive UI to enhance user engagement and consistency in healthy habits.

## EDUCATION

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|---|---|
| 2023 – PRESENT | **Bachelor of Science (Hons) in Information Technology**<br>Sri Lanka Institue of Information Technology (SLIIT) |
| 2020 – 2023 | **G.C.E Advanced Level Examination - Trinity College, Kandy** |
| 2018 – 2019 | **G.C.E Ordinary Level Examination - Trinity College, Kandy** |

## CERTIFICATIONS

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|---|---|
| 2025 July | **Microsoft Azure AI Essentials: Workloads and Machine Learning on Azure**<br>LinkedIn |
| 2025 June | **Python Essentials 1**<br>Cisco Network Academy |
| 2025 August | **Build a Smart AI Chatbot using Microsoft Azure Tools**<br>Microsoft Learn Student Ambassadors |

## SKILLS

**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)

## EXTRA-CURRICULAR ACTIVITIES

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|---|---|
| 2021 – 2022 | Vice President - Trinity College Media Unit |
| 2020 – 2022 | Chief Coordinator - Trinity College Social Service Union |
| 2022 | Editor - Trinity College Hindu Students' Movement |
| 2021 – 2022 | Co-Editor - Trinity College Tamil Literary Union |
| 2020 – 2022 | Member - Trinity College Commerce Society |
| 2021 – 2022 | Member - Trinity College Young Entrepreneurs Club |

## REFERENCE

**Uthpala Samarakoon**
Senior Lecturer - Faculty of Computing
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