

# RAGEESHAN CHANDRASEGARAN

## SOFTWARE ENGINEERING UNDERGRADUATE

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### SUMMARY

Third-year IT undergraduate at SLIIT with a strong interest in software development and real-world application of modern technologies. Hands-on experience in building academic and personal projects, with a solid foundation in problem-solving and teamwork. Highly motivated to contribute as an intern while continuously enhancing technical skills.

### PROJECTS

<b>Swift Aid - Emergency Response Coordination System</b>	<b>Jul 2025 - Nov 2025</b>
Technologies and Tools: React JS, Express JS, Node JS, MongoDB, VS Code, Git/Github	
<ul style="list-style-type: none"><li>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.</li></ul>	
<b>QuickSpin - Online Laundry Management System</b>	<b>Feb 2025 - May 2025</b>
Technologies and Tools: Java, Java Servlets, JSP, HTML, Tailwind CSS, JavaScript, JDBC, MySQL, Apache Tomcat, Eclipse, Git/GitHub	
<ul style="list-style-type: none"><li>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.</li></ul>	
<b>Ceylon Safari - Online Boat Safari Trip Management System</b>	<b>Jul 2024 - Nov 2024</b>
Technologies and Tools: HTML, CSS, JavaScript, PHP, MySQL, XAMPP, VS Code, Git/GitHub	
<ul style="list-style-type: none"><li>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.</li></ul>	
<b>WellNest - Personal Wellness Tracker App</b>	
Technologies and Tools: Kotlin, Android Studio	
<ul style="list-style-type: none"><li>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.</li></ul>	

### EDUCATION

<b>BSc (Hons) in Information Technology</b>	<b>Nov 2023 - Present</b>
Sri Lanka Institute of Information Technology (SLIIT)	
<b>G.C.E Advanced Level</b>	<b>2023</b>
Trinity College, Kandy	
<b>G.C.E Ordinary Level</b>	<b>2019</b>
Trinity College, Kandy	

## TECHNICAL SKILLS

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Java | Python | 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

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

## LANGUAGE

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

## CERTIFICATIONS

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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

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- **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)
- Team Member - AIESEC in SLIIT

## REFERENCE

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### **Uthpala Samarakoon**

Senior Lecturer - Faculty of Computing  
Department of Information Technology (SLIIT)  
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