



RANDEEPA LAKSHAN

SOFTWARE ENGINEER UNDERGRADUATE

CONTACT

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Belideniya, Kottagoda,
Matara

ACCOUNTS



PROFESSIONAL INTEREST

- Front-End Development
- Full-Stack Development

TECHNICAL SKILLS

- Python
- Java
- Flutter/Dart
- React JS
- Node JS
- Jira
- MongoDB
- MERN
- Figma
- HTML
- CSS
- MS Office
- Figma



PROFILE

I am a final-year Software Engineering undergraduate at SLTC Research University with a strong passion for web development and modern technologies. I am a flexible and self-motivated individual who thrives in dynamic environments and is eager to take on new challenges. My academic background and project experience have equipped me with skills in frontend development, test design, planning, and management. I have a keen eye for detail, enabling me to deliver high-quality and accurate work. I am committed to continuous learning and growth, with a particular interest in emerging tools and frameworks in web technologies. With strong communication, multitasking, leadership, and teamwork abilities, I aim to contribute meaningfully to a forward-thinking IT company through a valuable internship opportunity.



EDUCATION

BSc (hons) in Software Engineering	2022 - 2026
SLTC Research University (4 th Year Student)	
Diploma in English	2019 - 2020
Sri Lanka English Language Graduates' Association	
G.C.E Advanced Level (2019)	2017- 2019
Radampala Sri Sumangala Central College Matara (Technology Stream)	
G.C.E Ordinary Level (2015)	2005 - 2015
Belideniya College Matara	



PROJECTS

01-Final-Year Undergraduate Project: Virtual Try-On Fashion Retail Website :- Group Project- Three Members (Ongoing)

Technologies: AR / Blender / JavaScript / React.Js / Node.Js / Vite

- Developing an interactive web application that allows users to virtually try on clothing using augmented reality.
- Key features include 3D model integration, virtual fitting, and real-time outfit visualization.
- Focused on enhancing the online shopping experience through immersive, user-friendly design and responsive UI.

02-Inventory Management System:-Group Project

Technologies: Python

- Developed a Python-based inventory system to manage stock levels, automate item tracking, and generate reports.
- Focused on creating an intuitive interface with real-time inventory updates and role-based access control for admins and staff.

SOFT SKILLS

- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking
- Digital Marketing
- Problem Solving

LANGUAGES

- Sinhala
- English

REFERENCE

Dr. Sampath Deegalla
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03-AI-Powered Network Intrusion Detection System:-Group Project

Technologies: Python /AI/ML/DL

- Designed and implemented a smart intrusion detection system to identify malicious network activity using machine learning algorithms.
- Applied supervised learning techniques to classify network traffic and detect anomalies, enhancing overall network security.

04-Colour Arrow Following Robot:- Group Project| Technology Challenge Competition-Part 2 (SLTC)

Technologies: Arduino

- Engineered a color-sensitive robot that autonomously follows directional arrows based on color recognition.
- Demonstrated teamwork, innovation, and embedded systems knowledge during the SLTC Technology Challenge Competition.



CERTIFICATIONS

1. MERN Full-Stack Web Development by SKYREK Academy
Comprehensive training on MongoDB, Express.js, React, and Node.js for full-stack web development.(Ongoing)
2. Diploma in Python Programming by Alison. (Ongoing)
3. Fundamentals of Quality Assurance by Alison.
4. Jira Scrum Project by Coursera.
5. AI/ML/DL/GenAI Engineer Masterclass Tutorials by IDET:
Completed a masterclass covering foundational and advanced topics in Artificial Intelligence, Machine Learning, Deep Learning, and Generative AI.
6. Software Quality Assurance Testing Program : FSD Academy & Codie: In-depth program focused on manual and automated testing, test planning, and defect tracking.
7. Graphic Designing with Freelancing – IT GURU GLOBAL
8. Cisco IT Essentials – Cisco Networking Academy



EXTRACURRICULAR ACTIVITIES

- 1: **Leader, Programming Team | IEEE Student Branch Codemania Project – SLTC**
 - Led the IEEE Codemania programming team at SLTC, managing task assignments and core development.
- 2: **Member, Programming Team | Dev{thon} ^{2.0} – SLTC**
 - Contributed to software development challenges and collaborative coding tasks during SLTC’s internal hackathon event, Dev{thon} ^{2.0}
- 3: **Member | SLTC Leo Club**
 - Actively engaged in community service and leadership activities as a member of the SLTC Leo Club.
- 4: **Head Prefect | Belideniya College, Matara**
 - Served as Head Prefect, coordinating with school staff to support student leadership and discipline.