



DELAKSAN SRITHARAN

Undergraduate at Informatics Institute of Technology

Contact

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Technical Skills

Programming Languages

Python | Java | HTML | CSS |
JavaScript

Frameworks

Springboot | Thymeleaf |
Bootstrap | Pygame | Tkinter |
JavaFX

Database

MySQL

Soft Skills

- Communication
- Public Speaking
- Good team player / lead
- Fast learner
- Leadership
- Problem Solver
- Time Management
- Multilingual: English , Tamil ,
Sinhala

Summary

As a Software Engineering undergraduate, I thrive in rapid learning and efficient time management. My skills span Python, web development, and software principles, and I am dedicated to continuous growth, embracing new technologies. Whether working independently or in teams, my leadership and communication skills, refined through Toastmasters and batch representation at IIT, enable me to drive successful outcomes. I am now seeking an entry-level position where I can leverage my skills while furthering my knowledge and contributing to meaningful projects.

Education

BEng (Hons) Software Engineering

University of Westminster 2024 – present

The modules taken include Software Development 1, Trends in Computer Science, Mathematics for Computing, Software Development 2, Web Design & Development, and Computer Systems Fundamentals.

Foundation Certificate

2024

IIT Sri Lanka

Primary & Secondary Education

2010 – 2024

Royal College, Colombo

Projects

Pay Your Fine

2025

(Individual Project) [Link](#)

- Developed a full-stack, user-friendly online platform to address the inefficiencies of the current Sri Lankan traffic fine payment system. The project aimed to simplify the process by allowing police officers to issue fines digitally and drivers to pay them online, enhancing user experience and reducing administrative burden.

Technologies Used - Java, Springboot, MySQL, Thymeleaf, Bootstrap.

Achievements/Certificates

Professional Certificate in Python Programming

(Issued May 2024)

Postman API Fundamentals Student Expert

(Issued Dec 2024)

Programming Foundations: Fundamentals

(Issued Dec 2024)

Volunteer Experience

Informatics Institute of Technology (IIT Campus)

Batch Representative (Sep 2024 – Present)

IEEE Robotics and Automation Society of IIT

Industry Outreach Vice Chair | TRACKTION (Mar 2025 – Present)

IEEE Robotics and Automation Society of IIT

Industry Outreach | RobotNexus 2.0 OC (Dec 2024 – Mar 2025)

IEEE Women in Engineering

Industry Outreach | SHERlock 2.0 (Dec 2024 – Feb 2025)

Mozilla Campus Club – IIT

Compering Team (Oct 2024 – Present)

IET On Campus IIT

Organizing Committee Volunteer (Oct 2024 – Present)

IEEE Student Branch of IIT

Industry Outreach | CodeSprint X (Feb 2025 – Present)

EduPulse

2025

(Group Project) [Link](#)

- Designed and developed the front-end interface for a web application inspired by the UN's 16 Sustainable Development Goals, focusing on Goal 4 (Quality Education). Key contributions included the development of the splash page, volunteer page, content page, editor page, and validation page.

Technologies Used – HTML, CSS, JavaScript

Python-based Traffic Data Processing

2025

(Individual Project) [Link](#)

- Developed a Python program to analyze traffic flow data from CSV files, enabling local council decision-making for traffic management. Implemented data processing, statistical analysis, and visualization techniques (histograms) to summarize traffic patterns and generate actionable insights. The program also included file handling for data selection and results export as text files.

Technologies Used – Python, Tkinter

Foundation Student Attendance System

2024

(Individual Project) [Link](#)

- Developed an information system to track and manage attendance for Foundation program students at The Informatics Institute of Technology (IIT) across Colombo, Galle, and Kurunegala campuses.

Technologies Used – Python

ABC Bank

2024

(Individual Project) [Link](#)

- This Python application manages savings accounts for up to five ABC Bank customers in Sri Lanka. Users can create, modify, deposit to, and withdraw from their accounts.

Technologies Used – Python

References

Guhanathan Poravi

Senior Lecturer Grade I

Informatics Institute of Technology, Colombo

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Virtusa

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