



LAKSANA SRIHARAN

+94 77 036 2516

laksana.sriharan@gmail.com

86 - 3/1, Fussels Lane,
Wellawatte, Colombo -06,
Sri Lanka

laksana-s-portfolio.vercel.app

www.github.com/Laksana-Sriharan

www.linkedin.com/in/laksana-sriharan

www.medium.com/@laksana.sriharan

PROFILE

Recent Graduate at the University of Jaffna with a strong foundation in Computer Science and hands-on experience as an Intern at WSO2.

I look forward to contribute to a dynamic and collaborative team while further developing my expertise in a fast-paced, growth-oriented environment.

TECHNICAL SKILLS

- Java
- Object Oriented Programming (OOP)
- Git / GitHub
- DBMS - MySQL
- Performance Testing Tools - Apache JMeter, k6, Locust
- API Testing - Postman
- CI/CD Tools - Azure DevOps
- Agile / Scrum Methodology
- Data Visualization - Grafana, Looker Studio

SOFT SKILLS

- Communication
- Problem Solving
- Team Collaboration
- Time Management
- Adaptability
- Attention to Detail

LANGUAGES

- English (Fluent)
- Tamil (Fluent)
- Sinhala (Intermediate)

WORK EXPERIENCE

Department of Computer Engineering, JULY 2025 - PRESENT
University of Sri Jayewardenepura
Instructor
Kottawa, Western Province, Sri Lanka

- Conducted undergraduate-level modules in Database Systems and Object-Oriented Programming, focusing on foundational theory, hands-on laboratory sessions, and the application of modern software engineering practices.

Department of Computer Engineering, MAR 2025 - JUNE 2025
University of Sri Jayewardenepura
Research Assistant
Kottawa, Western Province, Sri Lanka

- Collaborating with the Department of Pediatrics, Faculty of Medical Sciences, University of Sri Jayewardenepura, to develop a mobile application aimed at supporting caregivers.

WSO2 Lanka (Pvt) Ltd MAY 2024 - NOV 2024
Intern
Colombo - 04, Western Province, Sri Lanka

- Automated performance tests and set up CI/CD pipelines for seamless execution.
- Developed scripts to publish performance test results to Google Sheets and GitHub for documentation and version control.
- Utilized Looker Studio to create interactive dashboards for real-time data visualization and insights.

EDUCATION

University of Jaffna Sep 2020 - Dec 2024
BSc Hons (Computer Science)
• Overall GPA : 3.81 / 4.00 (First Class)

BCS | The Chartered Institute for IT Mar 2018 - Sep 2019
Professional Graduate Diploma in IT

Hindu Ladies College, Colombo -06 Jan 2004 - Aug 2018
GCE A/L, August 2018
• Chemistry - A, Mathematics - B, Physics - C, General English - A
• Z Score - 1.354
GCE O/L, December 2014 - 9 A
GCE O/L Sinhala (Second Language), December 2015 - A

PROJECTS

Intern Project — Performance Testing Automation and Visualization for Private Identity Cloud

Responsibilities:

- Automated end-to-end performance tests and set up continuous integration/continuous deployment pipelines for seamless execution.
- Developed scripts to publish performance test results to Google Sheets and GitHub for documentation and version control.
- Utilized Looker Studio to create interactive dashboards for real-time data visualization and insights.

Individual Research Project — Sri Lankan Currency Recognition For People with Visual Impairments using Convolutional Neural Network

- Developed a deep learning-based solution to detect and classify Sri Lankan currency notes to assist visually impaired individuals.
- Implemented YOLOv10 for currency note detection and an ensemble of Convolutional Neural Networks (CNNs) for accurate classification of denominations, achieving an overall accuracy of 97.14%

Team Software Project — Point of Sale (POS) system - Book Depot, Colombo

- Designed and developed a Point of Sale system to streamline operations for a book depot.
- Implemented key features such as barcode scanning and camera based product addition to simplify product entry and enhance inventory management.
- Automated manual processes and improved operational efficiency.

Technologies Used: Laravel Framework, MySQL

AWARDS

Best academic Performance Award - D P Infotech (Pvt) Ltd

- Recognized as one of the top performers in the Northern Province under the "University Top Talent" program by D P Infotech (Pvt) Ltd.

Dean's List Award - for all 4 academic years

- Awarded for outstanding academic performance in all academic years.

PUBLICATIONS

1. Exploring the Capabilities of You Only Look Once (YOLO) Algorithm in Object Detection - ComSpective Vol. 5, Issue 1 — ICT Technical Magazine, Faculty of Computing, Sabaragamuwa University of Sri Lanka
2. Laksana, S. and Shriparen, S. "Sri Lankan Currency Recognition for People with Visual Impairments Using CNN." in Google exploreCSR, University of Jaffna, 19th October 2024. [Poster]
3. Enhancing Usability in Human-Computer Interaction - Kananiyam Newsletter Vol. 06, published by the Department of Computer Science, University of Jaffna, Feb 18, 2025

CERTIFICATIONS

- WSO2 Certified Identity Server Practitioner - V7 - June 2024 [🔗](#)

MEMBERSHIPS

- Institute of Electrical and Electronics Engineers (Member) - Sep 2021 - Present
- BCS, The Chartered Institute for IT (Student Member) - Mar 2018 - Present

REFERENCES

Dr. S. Shriparen
Senior Lecturer in Computer Science
University of Jaffna
Mobile : +94767585680
Email : shriparens@univ.jfn.ac.lk

Mr. Deependra Ariyadewa
Associate Director/Architect
WSO2, Colombo -04
Mobile : +94714035996
Email : deep@wso2.com