



# SACHINTHA LAKSHAN

## Software Engineer Intern

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🔗 Sachintha Lakshan portfolio

## Profile

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Motivated undergraduate in Computing and Information Systems at Sabaragamuwa University of Sri Lanka, with practical experience in full-stack development. Skilled in designing and developing responsive web applications using React Js, Spring Boot, and databases such as MongoDB and PostgreSQL. Problem-solving mindset with teamwork and collaboration abilities.

## Education

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**BSc (Hons) in Computing and Information Systems**

*Sabaragamuwa University*

2023 – Present

Sri Lanka

**G.C.E Advanced Level**

*Bolana National School*

Ambalantota

## Skills

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- **Programming Languages** : Java , JavaScript
- **Frameworks / Libraries** : SpringBoot , React Js
- **Tools & Technologies** : Git , Docker , Postman
- **Databases** : PostgreSQL , MongoDB
- **Soft Skills** : Team Work , Self Learning

## Projects

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### LearnFlow (Group Project)

*AI-powered developer roadmap generator*

AI-powered developer roadmap generator using RAG and Gemini API for relevant outputs, with interactive flowcharts via ReactFlow. Contributed by developing the frontend components

Built with : Flask, React, ReactFlow, Langchain

### BOOKS (Individual Project)

*Library Book Review System*

A Web Application enable for library users. Users can share opinions to guide other library users to making book selection easier through book reviews.

Built with : React , SpringBoot , MongoDB

### Food Recipe Generator (Individual Project)

A modern web application that generates delicious food recipes based on user inputs. This app allows users to discover new dishes effortlessly by simply specifying ingredients, cuisine types, or dietary preferences

Build with : Next js , Gemini API

### Visit SriLanka (Individual Project | Ongoing)

*Knowledge sharing website for foreigners about Sri Lanka*

This website provide reliable information about culture ,traditions ,travel destinations for foreigners. It will help for them easier to connect with the beauty and diversity of Sri Lanka

Build with : React , SpringBoot , PostgreSQL

### **Needalyze (Group Project | Ongoing)**

*Digital Insurance Need Analysis System*

Built a web-based platform for SLIC advisors to manage clients, generate digital forms, reports, and provide multilingual support with analytic.

Build with : Next.js, Tailwind CSS, ShadCN, Supabase (PostgreSQL, Auth, Functions)

## **Volunteering**

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### **Computing Undergraduate Research Symposium - 2025**

*I had a great experience volunteering at ComURS 2025 organized by the Faculty of Computing Sabaragamuwa University of Sri Lanka.*

**Member of IEEE / IEEE Computer Society**

## **Certifications**

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### **Linux Fundamentals**

*The Linux Foundation*

### **Docker Training Course for Beginner**

*KodeKloud*

### **Postman Essentials**

*KodeKloud*

### **Prompt Engineering**

*KodeKloud*

### **Agile Project Management**

*Moratuwa University DP Education*

## **Extra Curricular Activities**

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### **MRSL GRAPHICS**

*Content creation*

### **Dev.to**

*Content writer*

## **References**

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### **Miss. S. Adeeba**

*Lecturer (Probationary)*

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### **Prof.BTGS Kumara**

*Professor in Computer Science*

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