



SACHINTHA LAKSHAN

Software Engineer Intern

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🌐 Sachintha_Lakshan

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🔗 Sachintha Lakshan portfolio

Profile

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

BSc (Hons) in Computing and Information Systems

Sabaragamuwa University

2023 – Present

Sri Lanka

G.C.E Advanced Level

Bolana National School

Ambalantota

Skills

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

Projects

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

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

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

MRSL GRAPHICS

Content creation

Dev.to

Content writer

References

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Lecturer (Probationary)

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