

SACHINTHA LAKSHAN

Software Engineer Intern

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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 SQL. Problem-solving mindset with teamwork and collaboration abilities.

Education

BSc (Hons) in Computing and Information Systems

2023 – Present

Sabaragamuwa University

Sri Lanka

G.C.E Advanced Level

Ambalantota

Bolana National School

Skills

- **Programming Languages** : Java , JavaScript
- **Frameworks / Libraries** : SpringBoot, React
- **Tools & Technologies** : Git , Docker , Postman
- **Databases** : MySQL , MongoDB
- **Design Tools** : Figma, Adobe Photoshop
- **Soft Skills** : Team Work , Self Learning

Projects

Library Book Review System (Individual Project)

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

Tech Stack : React, SpringBoot, MongoDB

LearnFlow (Group Project)

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

Tech Stack : Flask, React, ReactFlow, Langchain

Digital Insurance Need Analysis System (Group Project ,Ongoing)

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

Tech Stack : Next.js, Tailwind CSS, ShadCN, Supabase (PostgreSQL, Auth, Functions)

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

Tech Stack : Next js, Gemini API

Visit SriLanka (Individual Project, Ongoing)

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

Tech Stack : React, SpringBoot, MySQL

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

References

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Lecturer, Probationary

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