SACHINTHA LAKSHAN

Software Engineer Intern

✉ sachintha2001lakshan@gmail.com   in Sachintha Lakshan   ⦿ Sachintha Lakshan

📞 076 988 9020   🔗 Portfolio

Profile

Motivated undergraduate in Computing and Information Systems at Sabaragamuwa University of Sri Lanka, with hands-on experience in full-stack web development and a solid foundation in software engineering principles. I primarily work with ASP.NET, JavaScript, and SQL databases, focusing on writing clean, maintainable, and efficient code while improving application performance. A quick learner who adapts rapidly to new tools and frameworks, I thrive in Agile and collaborative development environments, enjoy problem solving, and am passionate about building real-world applications while continuously enhancing my technical and professional skills through practical project experience.

Education

BSc (Hons) in Computing and Information Systems   2023 – Present
Sabaragamuwa University   Sri Lanka

G.C.E Advanced Level   Ambalantota
Bolana National School

Projects

Library Management System (Individual Project) 🔗
- This project is a Book Management System featuring comprehensive CRUD operations and integrated analytics for tracking reading trends
- *Tech Stack* : ASP.NET, TypeScript, Tailwind CSS

LearnFlow (Group Project) 🔗
- Al-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 Js, ReactFlow, Langchain
- *Role* : Frontend and Backend Developer

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)
- *Role* : Frontend and Backend Developer

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 Js, 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
- *Tech Stack* : Next Js, Gemini API

Skills

Technical Skills
- **Programming Languages** : C#, Java, Javascript
- **Frameworks / Libraries** : ASP.NET, React Js
- **Tools & Technologies** : Git, Docker, Postman
- **Databases** : MySQL, MongoDB
- **Design Tools** : Figma, Adobe Photoshop

Soft Skills
- Problem-Solving
- Critical Thinking
- Adaptability & Time Management
- Agile Methodologies
- Communication & Presentation

Volunteering

Computing Undergraduate Research Symposium 2025 🔗

Member of IEEE / IEEE Computer Society

Certifications

Linux Fundamentals 🔗
The Linux Foundation

Docker Training Course for Beginner 🔗
KodeKloud

Postman Essentials 🔗
KodeKloud

Extra Curricular Activities

MRSL GRAPHICS 🔗
Content creation

References

Miss. S. Adeeba
Lecturer, Probationary
Department of Computing & Information Systems, Faculty of Computing
Sabaragamuwa University of Sri Lanka.
Mobile : +94 77 366 8175
Email: adeesa@foc.sab.ac.lk

Prof.BTGS Kumara
Professor in Computer Science
Faculty of Computing, Sabaragamuwa University of Sri Lanka.
Mobile: +94 71 443 1193
Email: kumara@foc.sab.ac.lk