SAHAJI PERERA
FULLSTACK DEVELOPER INTERN

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SUMMARY

I am a 3rd-year Computer Science undergraduate at SLIIT with hands-on experience in web development, system design, and ui/ux, and I am seeking a Software Engineering internship.
I am skilled in applying problem-solving and analytical thinking to build practical solutions, with growing interests in data analytics, AI, and emerging technologies. I am a fast learner and collaborative team player, eager to contribute to innovative and impactful projects.

EDUCATION

Sri Lanka Institute of Information Technology   2023-present
- Bsc(Hons) in Computer Science

Anula Vidyalaya,Nugegoda   2008 - 2022
- GCE A/L (2022) Physical Science Stream
- GCE O/L (2018)

TECHNICAL SKILLS

Programming Languages: Java · Python · C · C#
Web & Backend Development: HTML · CSS · JavaScript · React.js · Spring Boot · .NET
Databases: MySQL · SQL Server
Cloud & DevOps: Azure
Development Tools: GitHub · Figma
Methodologies: Agile

PROJECTS

ReadSphere – AI-Powered Personal Reading Assistant   Oct–Dec 2025
- Developed a full-stack book management platform with AI-driven recommendations, reading tracking, and note-taking with image uploads.
- Implemented secure authentication (JWT) and admin dashboard for catalog and user management.
- Tech: React.js, Spring Boot, MySQL, Azure Blob Storage

AI Study Assistant – RAG-Based PDF Q&A System   Jan 2026
- Developed an AI tutor that answers questions from course PDFs using RAG (Retrieval-Augmented Generation) with semantic search and LLM integration.
- Built PDF processing pipeline, implemented local embeddings for document retrieval, and integrated Groq API for answer generation.
- Tech: Python, Streamlit, Groq LLM, RAG

Restaurant Management Web Application   Feb–May 2025
- Developed a full-stack solution for digital ordering, reservations, menu handling, and admin dashboard.
- Implemented secure user management (auth) and frontend UIs for login, registration, and profiles.
- Tech: React.js, Spring Boot, MySQL.

Serene Blooms – Floral & Event Shop   Aug-Oct 2025
- Developed a full-stack web app for floral browsing, event booking, and order management.
- Built the Product Management module for admins to manage products, packages, and decorations.
- Tech: React.js, .NET, SQL, Docker, Azure.

Dogwood Flora – Online Floral Shop Management System   Jul–Nov 2024
- Built a web system for a flower shop to manage products, orders, and inventory, improving customer experience and efficiency.
- Implemented product management (CRUD for flower items) and backend integration.
- Tech: React.js, Spring Boot, MySQL.

Fault-Tolerant Distributed Messaging System   Feb–May 2025
- Designed a distributed messaging platform with leader election, replication, and fault recovery.
- Contributed to system design and fault-tolerance mechanisms for handling failures.
- Tech: Java.

CERTIFICATIONS

Python for Beginners – University of Moratuwa (CODL)
Python Programming – University of Moratuwa (CODL)
Introduction to language JAVA -Sololearn
Upper-Intermediate English Course – British Council Sri Lanka

SOFT SKILLS

Problem-Solving
Teamwork & Collaboration
Organizational Skills
Creativity & Innovation
Time Management

PROFESSIONAL AFFILIATIONS

Member of the LEO club of SLIIT

REFERENCES

Dr. Jeewanee Bamunusinghe
Assistant Professor
Head - Department of Computer Science
Faculty of Computing,
Sri Lanka Institute of Information Technology,
Malabe
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