



Sakula Jayarathne

Software Engineering Undergraduate

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Professional Summary

Motivated Software Engineering undergraduate with a strong interest in software development and technology innovation. Seeking a Software Engineering internship to gain hands-on experience, enhance coding skills, and contribute to impactful projects.

Work Experience

Assistant Teacher and IT Office Assistant

Sevana Special School - Kotte

March 2023 - Present

- Assisted in teaching ICT (Grades 6–11) and English to primary students in accordance with the school curriculum.
- Supported students with physical and/or mental challenges through adaptive and inclusive teaching methods.
- Assisted the School Principal with administrative tasks, including preparation of official documents.
- Managed school records, emails, and digital files using Microsoft Office tools.
- Provided IT support and technical assistance to ensure smooth school operations.

Education

• Bachelor of Software Engineering

Open University of Sri Lanka | 2024 - Present

• Diploma in Information Technology

Esoft Metro College | 2023 - 2024

• Diploma in English

Esoft Metro College | 2023 - 2024

• Diploma in Psychology and Counseling

SITC Campus | 2023

• G.C.E. Advanced Level Examination

Princess of Wales' College | 2022

3S's Passes (Physical Science)

• G.C.E. Advanced Level Examination

Princess of Wales' College | 2018

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Certificates

- Web Design for Beginners – University of Moratuwa
- Codeless Test Automation Path – Test Automation University
- Introduction to Machine Learning – Kaggle

Academic & Projects

Personal Portfolio Website – React

January 2026

- Developed a React-based single-page portfolio website with responsive design and deployed it using GitHub Pages.

Hospital Database – Data Modeling & Database System

December 2025

- Designed ER diagrams and implemented a MySQL database focusing on data modeling, normalization, and database management.

A Mindful Digital Platform – Group Mini Project (UX)

October 2025

- Contributed to the UX design and prototype development of a digital platform for checking Grama Niladhari availability through user-centered design.

Music and Entertainment Management System - SRS & Development

July 2025

- Developed an IEEE-compliant Software Requirements Specification for a music streaming platform, covering system features, user roles, and non-functional requirements.

Easy Travel – Quality Assurance Test Plan & JMeter Report

June 2025

- Designed and executed a QA test plan and load/performance testing using JMeter to evaluate system reliability and efficiency.

Library Management System – C# Project

February 2024

- Built a C# desktop application with SQL database integration to manage library records, members, and borrowing/return operations.

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|-------------------------|--|
| • Programming Languages | : Java, Python, PHP, C# |
| • Web Technologies | : HTML, CSS, JavaScript, React (Basic) |
| • Frameworks | : CodeIgniter |
| • Databases | : MySQL |
| • Tools & Platforms | : Git, GitHub, VS Code, Visual Studio |
| • Other Skills | : Data Structures & Algorithms, OOP, SDLC
AI & ML |

- Cloud-Native Development and Ballerina Workshop
- Full-Stack Bootcamp (React + Mock API) Workshop
- Introduction to Machine Learning Workshop

- Volunteer – Software Engineering Society (SESoc), OUSL 2024 (Present)

- Problem-Solving | Presentation Skills | Quick Learning
- Adaptability | Teamwork and Communication | Time Management

Sinhala

English

Tamil

Deepika Fernando

Principal

Sevana Special School – Kotte

Phone – +94 774762827

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Thinidi Kahingala

Teacher

Princess of Wales' College

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Workshop

Volunteering

Soft Skills

Languages

References
