



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
7 A's 1 B 1C

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 – ReactJanuary 2026
 - Developed a React-based single-page portfolio website with responsive design and deployed it using GitHub Pages.
- Hospital Database – Data Modeling & Database SystemDecember 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 & DevelopmentJuly 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 ReportJune 2025
 - Designed and executed a QA test plan and load/performance testing using JMeter to evaluate system reliability and efficiency.
- Library Management System – C# ProjectFebruary 2024
 - Built a C# desktop application with SQL database integration to manage library records, members, and borrowing/return operations.

Technical Skills

- 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

Workshhop

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

Volunteering

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

Soft Skills

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

Languages

SinhalaEnglishTamil

References

Deepika FernandoPrincipalSevana Special School – KottePhone – +94 774762827Email – deepikafernando@gmail.com

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