

Sashan Fernando

Software Engineer Intern



Personal details



Sashan Fernando



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github.com/Sashan2002

Technical Skills

Frontend: Next.js, React, JavaFX,
HTML, CSS, JavaScript

Backend: Spring Boot, Java, Python,
C#, PHP, Django

Database Management: MySQL,
Microsoft SQL Server, MongoDB

Operating Systems: Windows, Linux

Mobile Development: Flutter, React
Native, Kotlin, Jetpack Compose

UI/UX Design: Figma, Canva

Graphic Design: Adobe Photoshop

Version Control: Git, GitHub

Profile

Dedicated Software Engineering undergraduate with a strong foundation in programming and software development. Passionate about creating innovative solutions, improving user experiences, and working collaboratively to solve complex technical problems. Skilled in full-stack development, mobile application development, and software design principles.

Projects

SHUTR

- An advanced search and booking platform for photography bookings tailored to both clients and photographers.
- AI approach for improved search experience and fraud management: NLP captioning, BERT for search relevance scoring, GBDT to score user reliability.
- Specific portals for clients and photographers to handle bookings, communications, and events.
- This will be to facilitate the booking process and create a better user experience so that photography interactions are smooth between users and photographers.
- **Tech Stack:** Next.js, Django, MongoDB, Python (NLP, BERT, GBDT).

Malcolm Lismore Photography Website

- Developed a responsive portfolio website using HTML, CSS, JavaScript, and PHP, with MySQL database integration.
- Features include an interactive gallery, admin dashboard for content management, and a testimonial section to enhance client engagement.
- **Tech Stack:** HTML, CSS, JavaScript, PHP, MySQL

Plane ticket booking system

- Built a Java-based Plane Ticket Booking System that enables users to book tickets and manage bookings efficiently.
- Designed for a seamless user experience and streamlined booking process.
- **Tech Stack:** Java

Academic Progression Prediction Program

- Developed a Python-based program to predict student progression outcomes for a university project.
- **Tech Stack:** Python

Payroll Management System

- Designed and implemented a C# and MySQL-based payroll management system to automate employee registration, attendance tracking, and salary calculation.
- Enhanced efficiency with accurate payroll processing and reporting features.
- **Tech Stack:** C#, MySQL

Education

**Bachelor of Engineering with Honors -
Software Engineering**
University of Westminster

Sep 2023 - Present

**Bachelor Of Science with Honors - Data
Science**
London Metropolitan University

Feb 2025 - Present

Languages

Sinhala
English
Tamil

Key Qualities

- Teamwork
- Critical Thinking
- Leadership
- Problem Solving
- Time Management
- Ability to Work Under Pressure

Pearson Higher Nationals in Computing Esoft Metro College, Piliyandala Grade: Merit	2023 - 2025
Diploma in Computing Esoft Metro College, Piliyandala Grade: Merit	2022 - 2023

GCE Advanced Level - Physical Science Stream Prince of Wales' College, Moratuwa Passed with 3 'C' passes	2022
GCE Ordinary Level Prince of Wales' College, Moratuwa Passed with 8 'A' passes and 1 'B' pass	2018

Extracurricular activities

Member Leo Club of IIT	2023 - Present
Volunteer Rotaract Club of Colombo Metropolitan	2024 - Present
Deputy Head Prefect Prince of Wales' College, Moratuwa	2021 - 2022
Senior Prefect Prince of Wales' College, Moratuwa	2020 - 2021
Secretary of Science Society Prince of Wales' College, Moratuwa	2021 - 2022

References

Sachini Bambaranda Assistant Lecturer IIT +46729674050, sachini.b@iit.ac.lk	
S. Sahan Devinda De Silva Assistant Branch Coordinator , Senior Lecturer in IT ESOFTE Metro College, Piliyandala +94764657101, sahan.desilva@esoft.lk	

Declaration

I hereby declare that the above-mentioned information is true and correct to the best of my knowledge and belief.

May 21, 2025

S. Sahan