

SHEHAN MADUSHANKA

Full-Stack Developer

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Colombo, Sri Lanka

<https://github.com/SSMShehan>

Shehan Madushanka

www.shehanmadushanka.me

PROFESSIONAL SUMMARY

Aspiring Full-Stack Developer experienced in React, Spring Boot, and Python architectures. Adept at developing secure, data-driven web applications utilizing PostgreSQL, REST APIs, and modern UI frameworks. Passionate about software quality and Agile practices. Seeking a Software Engineering internship to leverage hands-on project experience in delivering robust, user-centric software solutions.

EDUCATION

BSc(Hons) in Information Technology	2024 - present
Sri Lanka Institute Information Technology (SLIIT) Undergraduate	
G.C.E A/L St.Mary's College Kegalle	2019 - 2022
G.C.E O/L Mayurapada Central College Mawanella	2017 - 2018

CERTIFICATIONS

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|--|------|
| • Certificate in MongoDB Node.js
MongoDB Node.js Developer Path | 2026 |
| • Certificate in Cloud Computing - Google
Google Cloud Fundamentals: Core Infrastructure | 2026 |
| • Amazon Q Developer - AWS
Amazon Q Developer Fundamentals | 2026 |
| • Certificate in Project Management - University of Moratuwa
Foundations of Project Management | 2025 |
| • Certificate in Cybersecurity - IBM
Introduction to Cybersecurity Tools & Cyberattacks | 2024 |

TECHNICAL SKILLS

Languages: **Java, Python, JavaScript (ES6+), PHP, Kotlin, C/C++**
Frontend Development: **React.js, HTML5, CSS3, JavaScript, UI/UX**
Backend Development: **Spring Boot, Node.js, Express.js, RESTful APIs**
Databases: **MySQL, PostgreSQL, MongoDB**
Tools & Platforms: **Git Hub, WordPress, AI-Assisted Development**

SOFT SKILLS

- Leadership
 - Problem Solving
 - Team Work
 - Analytical Skills
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KEY PROJECTS & ACHIEVEMENTS

Academic Project Management System

[2026 Jan - 2026 Apr]

Technologies and Tools: React, Node.js, Express, PostgreSQL, Tailwind CSS, Redis, Socket.io, Google GenAI

- Developed a full-stack academic project management platform for student collaboration, sprint planning, and task tracking with real-time Socket.io notifications.
- Integrated automated GitHub contribution scoring and an AI-driven plagiarism detection pipeline using Google GenAI, optimizing performance with Redis background processing.

Smart Campus Hub

[2026 Mar - 2026 Apr]

Technologies and Tools: Java, Spring Boot, React, PostgreSQL, Tailwind CSS, REST APIs

- Developed a full-stack, responsive campus management system with OAuth2 authentication and real-time analytics to automate facility bookings and streamline operations.

School Management System

[2026 Jan - 2026 Feb]

Technologies and Tools: Python, FastAPI, PostgreSQL, React, Tailwind CSS, JWT, SQLAlchemy, Alembic, Pydantic, ReportLab, Openpyxl

- Developed a full-stack multi-branch school management system for student/staff administration, attendance tracking, and fee payments with JWT authentication and real-time data.
- Applied Agile methodology and integrated reporting tools and a responsive UI to automate operations and enhance reporting.

Tourism Management System

[2025 July - 2025 Oct]

Technologies and Tools: MERN Stack, JavaScript, HTML, CSS, Stripe API, Nodemailer, REST APIs, JWT, Git

- Developed a full-stack tourism platform for booking tours, hotels, guides, and vehicles with real-time availability, secure JWT authentication, and Stripe payment integration.
 - Applied Agile methodology and integrated third-party APIs for maps and notifications in a responsive web application.
 - Live Demo - <https://serendib-go-travel.vercel.app>
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EXTRA-CURRICULAR ACTIVITY

- Sports: Active member of the School Cricket, Chess, and Volleyball teams.
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REFERENCES

Ms. Minuli Samaraweera
Instructor - Information Technology
SLIIT | Malabe Campus
minuli.s@slit.lk