



S A M S SENARATH

IT UNDERGRADUATE

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Portfolio: <https://samssenrath.netlify.app/>

Aspiring IT Specialist with strong skills in full-stack development and growing expertise in AI and machine learning. Experienced in leading projects from design to deployment, with a focus on performance, usability and teamwork. Quick learner, adaptable, and motivated to contribute to innovative and impactful software solutions.

EDUCATION

B.Sc. Honours in Information Technology

June 2023 - Present

Sri Lanka Institute of Information Technology (SLIIT), Malabe, Sri Lanka

- Relevant Coursework: Data Science & Analytics, Business Management for IT, Information Assurance & Security and Human Computer Interaction (ongoing)

GCE Advanced Level, Physical Science Stream

Gurukula College - Kelaniya

2020/2021

- Combined Mathematics - S, Physics - S, Chemistry - S, English – S

GCE Ordinary Level

Gurukula College - Kelaniya

2017

- 7A's (Including Maths) and 2C's (English and Tamil)

TECHNICAL SKILLS

Languages & Programming:

- C, C++, Python, Java, JavaScript, PHP, Kotlin, TypeScript

Frameworks & Libraries:

- React.js, Node.js, Express.js, Tailwind CSS

Databases:

- MySQL, MongoDB, Firebase

Cloud & Tools:

- AWS, Git/GitHub, Postman, Jira

IDEs & Development Tools:

- VS Code, Eclipse, Android Studio

Design & Creative Tools:

- Figma, Photoshop, Illustrator, Premiere Pro

PROJECTS

NorbalAdz (Online Advertising Agency) | HTML, CSS, JavaScript, PHP | Feb 2024

- Team leader of 5; built a basic online advertising platform as first-year university project.
- Implemented **admin login and service request features**.

HDSC (Online Banking System) | HTML, CSS, JavaScript, Java | Jun 2024

- Team leader of 4; developed an online banking system prototype.
- Implemented **login, password reset (email/OTP), bill payment & history**.
- Added **commenting system, error handling, and user feedback**.

E-Commerce Website | React, Tailwind CSS | Dec 2024 – Feb 2025

- Individual project focusing on modern frontend development.
- Built **responsive UI with reusable components** and designed the full-stack architecture.
- Applied **modern UI/UX principles** for smooth user experience.

Project Autofiks (Spare Parts & Automobile Service Management System) | MERN Stack | Feb – Jun 2025

- Led a team of 4 to build a full-stack web app for automobile service & spare parts management.
- My contributions:
 - **Employee Management:** QR-based attendance tracking, leave requests with approval workflow, salary automation.
 - **Task Management:** Daily task assignment and monitoring.
 - **Support Tools:** Ticketing system and paysheet/report generation.
- Managed task delegation and milestones using **Agile methodology**.

Wallet (Financial Tracker App) | Kotlin, Android Studio | Dec 2024 – Feb 2025

- Individual mobile app for expense tracking and budgeting.
- Features: **income/expense logging, category-wise insights, monthly budget setup, smart notifications, and backup/restore**.
- Used **SharedPreferences** for persistent data storage and real-time alerts.

CERTIFICATIONS AND AWARDS

Artificial Intelligence and Machine Learning – Stage 1 (CODL) SLIIT University

Web Design for Beginners (CODL) – University of Moratuwa

Azure Fundamentals Certification – Microsoft Learn (Ongoing)

AWS Cloud Practitioner Essentials – Amazon Web Services (Ongoing)

ADDITIONAL INFORMATION

Languages: English (Fluent), Sinhala (Native)

References available upon request