

Profile Summary

Second-year undergraduate at the Sri Lanka Institute of Information Technology (SLIIT) specializing in Data Science, currently maintaining a CGPA of 3.0. Skilled in data analysis, machine learning fundamentals, data visualization, and statistical analysis using Python and SQL. Possess hands-on experience in web development with HTML, CSS, JavaScript, React, Node.js, and Spring Boot, having completed several full-stack projects. Seeking an internship opportunity to further develop technical expertise while contributing effectively to organizational goals..

Professional Skills

- Strong analytical and problem-solving abilities with a data driven mindset
- Ability to learn new technologies quickly and apply them effectively
- Experienced in managing academic and project deadlines efficiently
- Full professional proficiency in English
- Clear and confident communication skills, including reporting and presenting insights
- Strong teamwork and collaboration skills with the ability to work effectively in diverse teams

Technical Skills

- Data Analytics Tools and Libraries: Python, R, Pandas, NumPy, SQL
- Data Analysis Techniques: Data Cleaning, Data Wrangling, Exploratory Data Analysis (EDA), Statistical Analysis
- Data Visualization and BI Tools: Power BI, Tableau
- Databases and Data Management: MySQL, SQL Server, MongoDB, Mongoose ODM
- Programming Languages: C, C++, Java, JavaScript
- Web Technologies: HTML5, CSS3, PHP, Node.js, React.js
- Version Control and Collaboration: Git, GitHub

Education

Bachelor of Science in Information Technology (Specializing in Data Science) 2024 - Present

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

G.C.E. Advanced Level – Bandaranayake College, Gampaha 2023(2024)

Physical Science Stream | 1C & 2S's

G.C.E. Ordinary Level – Bandaranayake College, Gampaha 2020(2021)

7A's & 2B's

Projects

- **Web-Based Customer Support System** [\[GitHub\]](#) -Associate with SLIIT (Y2 S1 Project)

Built a full-stack ticket management platform with role-based access, live chat, FAQ system, feedback tracking, and admin analytics dashboard following MVC architecture and Agile practices.

- **Diabetes Prediction Using Machine Learning** [\[GitHub\]](#) -Associate with SLIIT (Y2 S1 Project)

Developed a machine learning model to predict diabetes using health indicators such as BMI, glucose levels, and blood pressure. Implemented data preprocessing, SMOTE for class imbalance handling, and evaluated multiple classification models, achieving 99% accuracy with a Decision Tree classifier.

- **Portfolio Website** [\[GitHub\]](#) <https://senalanuraheesara.github.io/Portfolio/>

Developed and deployed a responsive personal portfolio website using **React** and **Vite** to showcase my skills, projects, and professional profile. Built with modern web development practices, this project highlights my ability to create interactive and visually appealing user interfaces and publish a live web application.

Certifications

AI/ML Engineer-Stage 1 offered by SLIIT

Covered core AI and machine learning fundamentals, including data handling and introductory model development concepts.

Interest

- Problem solving & analytical thinking
- Continuous learning & skill development
- Web development & system design