

Visna Sithmi

Data Science Undergraduate

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Summary

Data Science undergraduate at Sri Lanka Institute of Information Technology (SLIIT) with strong analytical and problem-solving skills. Experienced in building data-driven solutions through BI dashboards, full-stack web systems, and mobile applications. Proficient in Python, SQL, and Power BI with a solid foundation in data analysis and visualization.

Projects

Sales Analysis Dashboard | Power BI, SQL, DAX, Excel

- Built an interactive Power BI dashboard to analyze revenue, sales trends, customer performance, and market insights.
- Implemented KPI cards, slicers, and visuals for dynamic decision-making and reporting.

CeylonBrew – Tea Plantation Management System | Next.js, Spring Boot, MySQL

- Developed an enterprise full-stack application to automate tea plantation workflows and operations with high security validations.
- Implemented role-based access for farmers, suppliers, factory staff, plantation Manager, and delivery teams. With graphical data visualization

Vitalize – Wellness & Habit Tracker | Kotlin, Android Sensors, Material Design, AlarmManager

- Created an Android app with step tracking, BMI calculator, mood journaling, data visualization and water reminders.
- Integrated accelerometer-based tracking and home screen widgets.

ChocoNest – Chocolate Shopping App | Kotlin, Android, XML, Material Design

- Developed a mobile shopping app with product catalog and a smooth checkout flow.
- Enhanced UI/UX using Material Design principles.

Personal Portfolio Website | React, Tailwind CSS, Framer Motion

- Designed and developed a responsive portfolio to showcase projects, skills, and certifications.
- Built reusable components and modern UI with animations using React stack.

HopeFlow – Blood Donation Platform | HTML, CSS, JavaScript, MySQL

- Built a full-stack platform for donor registration, donation tracking, and blood bank management.
- Developed admin dashboard features for managing users and monitoring donation records.

Technical Skills

Data & BI: Data Analysis, Data Cleaning, EDA, Data Visualization, Dashboard Development, Power BI, DAX, Excel

Programming: Python, R, SQL, JavaScript, TypeScript, C, C++, PHP

Web: React, Tailwind CSS, Node.js, Express.js, HTML, CSS

Databases: MongoDB, MySQL, PostgreSQL

Mobile: Kotlin, Android, XML, Material Design, Android Sensors

Tools: Git, GitHub, VS Code, Docker, Cloud Fundamentals

Education

Sri Lanka Institute of Information Technology (SLIIT)

BSc (Hons) in Information Technology – Specializing in Data Science (GPA: 3.56)

Colombo, Sri Lanka

Oct 2023 – Present

- Focused on software development, data analytics, and system design with hands-on project experience.

MR / Sujatha Balika Vidyalaya

G.C.E. Advanced Level (Biological Science): C, C, S – G.C.E. Ordinary Level: 9 A passes

Matara, Sri Lanka

2009 – 2022

Certifications

AI/ML Engineer – Stage 2 | SLIIT Issued: Jan 2026

- Credential ID: bxssqdet1j

AI/ML Engineer – Stage 1 | SLIIT Issued: Dec 2025

- Credential ID: inwkkley7

Python Programming | University of Moratuwa (CODL) Issued: Dec 2025

- Credential ID: SfTAAmki9I

Python Programming for Beginners | University of Moratuwa (CODL) Issued: Feb 2025

- Credential ID: BRQTNvH4TI