

# Visna Sithmi

Data Science Undergraduate

+94 70 799 5540 | ihvisnasithmi@gmail.com | Visna Sithmi | Visna Sithmi | Colombo, Sri Lanka

## 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)

Colombo, Sri Lanka

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

Oct 2023 – Present

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

### MR / Sujatha Balika Vidyalaya

Matara, Sri Lanka

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

2009 – 2022

## Certifications

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**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