

PASINDU SANKALPA BASNAYAKA

BSc (Hons) in Information Technology - Specializing in Data Science(Undergraduate)

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Portfolio : <https://pasindu-sankalpa-basnayaka.netlify.app/>

Address : Malabe ,Colombo

SUMMARY

Motivated Data Science undergraduate with skills in Python, SQL, Power BI, and machine learning fundamentals. Experienced in building end-to-end projects including web systems, dashboards, and mobile applications. Quick learner with strong analytical, problem-solving, and teamwork abilities. Seeking a Data Science or Machine Learning internship to apply academic knowledge and gain real-world experience

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT)

BSc (Hons) in Information Technology

Specializing in Data Science (Undergraduate)

Current GPA : 3.57 / 4.00

Kingswood College, Kandy

G. C. E. Advanced Level (A/L) – 2021

Physical Science Stream

Subjects: Combined Mathematics, Physics, Chemistry

Results: 3 C Passes

CERTIFICATIONS & PROFESSIONAL TRAINING

- Artificial Intelligence & Machine Learning Engineer – Stage 1
Sri Lanka Institute of Information Technology Jan 2026
- Python for Beginners
University of Moratuwa , Department of Computer Science Dec 2025

PROJECTS

• Inventory Management System

Analyzed stock movement data to identify trends, improve forecasting, and support data-driven inventory decisions.

Technology : JavaScript, HTML, CSS, Java

GitHub repository link : <https://github.com/sankalpa0303/Manage-stock.git>

• Driving School Management System

Processed and analyzed student performance and scheduling data to identify training patterns and optimize session efficiency

Technology: JavaScript (React.js, Node.js)

GitHub repository link : <https://github.com/ravindu-sliit/RiyaGuru.git>

• Habit Tracker App

Collected and analyzed user habit data to visualize daily activity trends and generate behavioral insights

Technology : Java , Kotlin

GitHub repository link : <https://github.com/sankalpa0303/VitalEase.git>

- **Personal Portfolio (Web Project)**

Developed a fully responsive portfolio website to highlight my skills, projects, and professional background.

Technology : JavaScript, HTML, CSS

GitHub repository link : <https://github.com/sankalpa0303/sankalpa-fortpolio.git>

- **Home Service App UI & AI Chat Bot UI**

Designed user interfaces in Figma for the Home Service app and AI chatbot for better user experience.

Figma link : [Home-servise](#) , [AI chat Bot](#)

PROFESSIONAL EXPERIENCE

Trainee Monetary Transaction Officer

Sarvodaya Development Finance, Digana

June - November 2023

- Processed customer transactions with 98% accuracy, improving workflow reliability.
- Digitized financial documents, increasing data retrieval efficiency.
- Communicated with clients to resolve queries, supporting better customer satisfaction.

SKILLS

Programming & Data Science : Python , R, SQL

Databases : MySQL, MongoDB

Data Visualization & Analytics : Power BI

Backend Development : NodeJS , Java, Kotlin, C, C++

Frontend Development : ReactJS, HTML, CSS , Bootstrap, Tailwind CSS ,JavaScript

Tools & Platforms : Excel,GitHub, MongoDB, Visual Studio, Trello, Android Studio

Soft Skills : Problem Solving , Team Collaboration, Self Learning

Languages : English, Sinhala.

EXTRACURRICULAR , LEADERSHIP & ACHIEVEMENTS

- Cricket Certification – Awarded Super Merit in 2017 for outstanding performance.
- Athletics – Secured 3rd place in Long Jump at the Zonal Sports Meet
- Volunteer, IEEE Student Chapter
- Organized Data Bootcamp
- Member Of The SLIIT cricket team and School Cricket Team Captain
- Member Of The School Cadet Band

REFERENCES

Anjalee senarathne

Senior technical consultant

Enterprise Analytics (Pvt) Ltd

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Sarani Illangasinghe

Assistant Manager - HR Services

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