

PASINDU SANKALPA BASNAYAKA

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

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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 : 3.60 / 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

• Car Sales Dashboard (Power BI)

Developed an interactive Power BI dashboard to analyze car sales performance, including sales trends, average pricing, cars sold, and regional distribution, supporting data-driven business decisions.

Technology : Power BI, DAX, Power Query, Data Modeling

GitHub repository link : <https://github.com/sankalpa0303/PowerBI-Sales-Analysis.git>

• AI Chatbot using Gemini API

Developed an AI-powered chatbot using the Gemini API to enable real-time natural language interaction. Built with the MERN stack and integrated MongoDB to store chat data, demonstrating practical application of NLP and conversational AI in a web-based system.

Technology : React.js, Node.js, Express.js ,MongoDB, Google Gemini API , JavaScript , REST APIs

GitHub repository link : <https://github.com/sankalpa0303/AI-Chatbot-using-Gemini-API-MERN-.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>

- **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>

- **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>

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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