PASINDU SANKALPA BASNAYAKA

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

LinkedIn : https://www.linkedin.com/in/pasindu-basnayaka/

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

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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 : 3.57 / 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

- **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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Assistant Manager - HR Services
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