Muskan

✉ pooniamuskan4@gmail.com   📞 +91-8852051396   🎧 github.com/poonia-muskan

in www.linkedin.com/in/muskan2004

Profile

Final-year B.Tech (Data Science) student skilled in Python, Web Development, and Machine Learning. Experienced in building and deploying full-stack applications using Flask/Streamlit. Strong interest in scalable real-world solutions and data-driven systems.

Education

B.Tech in Computer Science (Data Science),   2022 – 2026
B K Birla Institute of Engineering and Technology
Current CGPA: 8.75

Senior Secondary, *Vijay Public School*   2021 – 2022
Percentage: 75

Projects

ZenBot, *Your Digital Therapist*
Developed and deployed a full-stack mental wellness web app using Flask, integrating Google OAuth, dynamic mood tracking, personal diary logging, and SQLAlchemy with deployment on Render. Link: ZenBot ⬀

VitaSense, *ML-based Cancer Risk & Awareness Web App*
Developed a web app using Flask and a trained Random Forest model to assess cancer risk based on user symptoms. Includes state-wise oncologist directories, educational videos, and myth-busting resources. Deployed on Render. Link: VitaSense ⬀

ClariFi, *Background Noise Cancellation*
Developed and deployed a Flask-based web application using Render that removes background noise from uploaded audio as well as video files using Python's noisereduce library. Link: ClariFi ⬀

PDF to Audiobook
Built and deployed a web application using Streamlit that converts PDF documents into audiobooks using Google Text- to- Speech (gTTS). Link: pdf-to-audiobook ⬀

Skills

Web App Development: Flask, Streamlit, HTML, CSS
Programming Languages: Python, C, C++, SQL
Data Science: Pandas, NumPy, Seaborn, Matplotlib, Noisereduce
Concepts: Data Structures & Algorithms, Basics of Machine Learning
Tools: GitHub, VS Code, Jupyter, Render
Soft Skills: Communication, Presentation, Critical Thinking, Team Leadership, Adaptability

Achievements

- Selected for Smart India Hackathon (SIH)– Led a team project on a Bus Scheduling System, optimizing route planning and presenting to faculty.
- Certified in Python, C, C++ and Machine Learning fundamentals.

Interests

Enthusiastic about research, exploring new technologies and passionate about reading books