MD HARISH SARWAR

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SUMMARY

Entry-level data scientist skilled in Python, machine learning, generative AI, and LLMs, with expertise in building NLP models and AI-driven applications using tools like Hugging Face and Langchain. Passionate about leveraging AI to solve real-world challenges.

SKILLS

- **Languages:** Python, SQL, HTML
- **Libraries:** Flask, Streamlit, Scikit-learn, Pandas, NumPy, TensorFlow, HuggingFace
- **AI & Machine Learning:** Generative AI, LLMs, NLP, Machine Learning, Deep Learning
- **Technologies & Tools:** Langchain, Vector Databases (FAISS, ChromaDB), Groq

PERSONAL PROJECTS

- **News Article Summarization**
  ➢ Developed a Streamlit app to retrieve, summarize, and write news articles based on a given topic using Groq's LLM.   .
  ➢ Integrated DuckDuckGo for article search and Newspaper4k for efficient content extraction.
  ➢ Technologies: Python, Streamlit, Groq, DuckDuckGo, Newspaper4k, Langchain.
- **Medical Chatbot**
  ➢ Developed a Streamlit chatbot using Hugging Face's LLM for efficient medical queries.
  ➢ Integrated FAISS for vector search and natural language generation to deliver contextually accurate responses.
  ➢ Technologies: Python, Streamlit, Hugging Face, FAISS, Sentence-Transformers.
- **Bangalore Real Estate Price Prediction**
  ➢ Designed a machine learning model (KNeighborsRegressor) to predict Bangalore real estate prices based on location, BHK, area, and number of bathrooms.
  ➢ Employed Flask to create an interactive user interface for predictions.
  ➢ Technologies: Python, Machine Learning, Flask, Scikit-learn, Pandas, NumPy, Matplotlib.

EXPERIENCE

- **Python Intern | Integration IT Services PVT.LTD, Bhopal**   (05/2020 - 07/2020)
  ➢ Performed data cleaning, preprocessing, and exploratory analysis on large datasets using Pandas and NumPy.
  ➢ Visualized data insights using Matplotlib and Seaborn, creating actionable reports for stakeholders.
  ➢ Developed machine learning models for predictive analytics and classification tasks using Scikit-learn and TensorFlow.

EDUCATION

- Computer Science Engineering | GNIOT, Greater Noida   CGPA: 7 | (2019 - 2023)
- Intermediate | SMD college, Gopalganj (Bihar)   61% |2019

CERTIFICATIONS

- Data Science, Python, SQL, Streamlit | Udemy