

AASHISH KUMAR SAINI

Data Scientist | Data Analyst | ML Engineer | Generative AI Engineer
aashishkumarsaini2003@gmail.com | +918764954136 | Alwar, Rajasthan
Portfolio | LinkedIn | GitHub | HackerRank

Data Scientist skilled in Machine Learning, Data Analysis, and Generative AI, with hands-on experience developing intelligent applications using LangChain, LangGraph, and RAG pipelines.

EDUCATION

Laxmi Devi Institute of Engineering and Technology

Bachelor of Technology (B.Tech) in Computer Science and Engineering
CGPA: 9.54 / 10

Alwar, Rajasthan, India
August 2022 - July 2026

EXPERIENCE

Suvidha Foundation | Artificial Intelligence Intern

Maharashtra | April 2025 - May 2025

Fin Advisor: Personalized Financial Advice Generator (AI Intern Solo Project)

- Built an end-to-end NLP system to generate personalized investment advice from real-time financial news.
- Implemented data pipeline: news scraping (RSS + Feedparser), preprocessing (pandas), NER (spaCy), sector & ticker mapping(yfinance), sentiment analysis (FinBERT).
- Created embeddings (Sentence Transformers) and stored in ChromaDB for semantic search and user profile matching.
- Applied Retrieval-Augmented Generation (RAG) with LLMs to deliver tailored financial insights based on user profiles.

SKILLS

Programming Languages: Python, C++

Libraries/Frameworks: LangGraph, MCP, CrewAI, LangChain, LangSmith, TensorFlow, HuggingFace Hub, Scikit-learn, Pandas, Numpy, Seaborn, Matplotlib, BeautifulSoup, Docker, FastAPI

Tools / Platforms: n8n, MLflow, Excel, Git, Power BI, Jupyter Notebook, Google Collab, Streamlit, Microsoft Word

Databases: SQL, MongoDB, ChromaDB, FAISS

PROJECTS

Smart DB Agent | Link

Python, Langgraph, Langchain, Streamlit, MySQL

- A Smart DB Agent that connects seamlessly with hosted databases, users can execute natural language queries, it will return the Structured Result and SQL query used to get results.
- Built with LangGraph, LangChain and Streamlit, it simplifies database interaction with intelligent automation. (Note: Here, I have used Super Store Dataset as Database).

InsightGenie | Link

Python, Langchain, Streamlit, LLM, Vector Database

- RAG-based Question Answering System that supports multi-document input (TXT, PDF, DOCX) for contextual Q&A.
- Includes additional features: text summarization and language translation.
- Built with Streamlit and provides a clean, user-friendly interface with easy navigation and file handling.

Crop Recommendation System | Link

Python (Numpy, Pandas, Scikit-learn), Flask, HTML, CSS

- Developed a machine learning system to recommend optimal crops based on soil, weather, and environmental conditions using Python, Pandas, and Scikit-learn.
- Ensured accurate, data-driven recommendations to assist farmers in decision-making.

AWARDS

- 5 stars in Python (HackerRank)
- 5 stars in Problem Solving (HackerRank)
- 5 stars in MySQL (HackerRank)