

DANISH ANSARI

danishansari9336@gmail.com | +91-6392047856 | GitHub | LinkedIn
Kanpur, India

Education

- VIT Bhopal University** Bhopal
B.Tech in Computer Science 2022 – 2026
- CGPA: 7.77

Technical Skills

- Languages:** Python, SQL
- AI/ML:** Scikit-learn, NLP, Classification, Feature Engineering
- Agentic AI:** CrewAI, LLM Integration, Tool-Augmented Generation
- Tools:** Streamlit, REST APIs, Git

Experience

- Founder's Office Intern** Jan 2026 – Present
SHE Capital
 - Developed AI-driven automation workflows and LLM-powered tools to streamline operations and decision-making.
 - Integrated APIs and built agent-based solutions to reduce manual effort and improve efficiency.
- Market Research Analyst Intern** Oct 2024 – Dec 2024
JITSIE (IIT Madras)
 - Analyzed 50,000+ records and built dashboards, improving decision-making accuracy by 20%.
 - Automated SQL and Tableau workflows, reducing reporting time by 30%.

Projects

- ML-Powered AI Diabetes Assistant** Python, CrewAI, Scikit-learn
Agentic AI Project
 - Developed a CrewAI-based agent executing multi-step workflows integrating ML predictions with LLM reasoning.
 - Built tool-augmented pipeline enabling autonomous decision-making and personalized health recommendations.
 - Deployed real-time Streamlit system with low-latency inference and explainable AI outputs.
- Government Scheme Chatbot (RAG)** Python, OpenAI
NLP Project
 - Engineered a RAG-based chatbot delivering context-aware and accurate responses using LLMs.
 - Integrated retrieval pipelines to reduce hallucinations and improve factual grounding.
 - Designed scalable API-based architecture for dynamic knowledge updates and multilingual queries.
- Credit Risk Prediction System** Python, Scikit-learn
Machine Learning Project
 - Built classification models using ensemble methods to predict loan default risk.
 - Performed feature engineering and model optimization to improve predictive performance.
 - Developed Streamlit interface for real-time risk analysis and visualization.
- Stock Sentiment Analysis** Python, NLP
NLP Project
 - Developed NLP pipeline to classify financial news sentiment using machine learning models.
 - Optimized text preprocessing and feature extraction for improved classification accuracy.
 - Analyzed sentiment trends to support data-driven investment insights.

Achievements

- Secured 12th Rank in ZS Campus Beats Hackathon among 500+ teams.
- Finalist in Dataverse Hackathon organized by DTU.
- Finalist in IITMBS Elocution Competition.