

Mohammed Shajie

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SUMMARY

- Curious by nature and analytical by training, I'm a data-driven problem solver passionate about turning raw information into impactful insights. With hands-on experience in **Data Analytics, GenAI, and Agentic AI**, I've built projects ranging from financial dashboards to intelligent RAG-based chatbots using tools like **Python, SQL, Power BI, LangChain**, and Google Gemini. I thrive in fast-paced environments, love simplifying complexity, and bring a mix of technical depth

EXPERIENCE & INTERNSHIPS

- 1. AI-ML Virtual Internship (Amazon Web Services Academy)** | [link](#) Apr 2025-Jun 2025
Completed a virtual internship focused on AI and Machine Learning fundamentals through Amazon Web Services Academy
-Worked on guided assignments and mini-projects involving **data preprocessing, exploratory data analysis (EDA), using Python, Pandas, NumPy, and Matplotlib**
- 2. Data Science Master Virtual Internship (ALTAIR Academy)** | [link](#) Jan 2025-Mar 2025
- Gained hands-on experience in analyzing structured datasets using **Excel, SQL, and Power BI**.
Built interactive dashboards and reports to extract statistical insights and support business decisions.

PROJECTS

- 1. Interactive E-Commerce Sales Dashboard** | Python, SQL, Power BI, Excel | [Live Link](#) | [GitHub](#)
-Conducted comprehensive sales analysis using **SQL and Python** (Pandas) on transactional data to derive actionable insights.
-Executed EDA to segment customer cohorts, identify revenue trends, and optimize channel performance.
-Built an interactive **Power BI** dashboard visualizing KPIs like AOV, LTV, churn, and profitability for strategic decision-making.
- 2. Genrative AI Financial News Research** | LangChain, OpenAI GPT-4, RAG, FAISS, Streamlit | [GitHub](#)
-Developed a Generative AI-powered platform for real-time financial news analysis and summarization.
-Integrated **Retrieval-Augmented Generation (RAG)** using FAISS vector search and OpenAI embeddings to enable source-grounded Q&A.
-Delivered a user-friendly Streamlit interface for semantic understanding and equity-focused research automation.
- 3. Agentic Gen AI Chatbot with Document RAG** | n8n, Google Gemini, Pinecone, Google Drive | [GitHub](#)
-Engineered an Agentic AI chatbot utilizing document chunking, vector embeddings, and conversational memory for contextual Q&A.
-Automated ingestion from Google Drive, processed via recursive text splitting, and indexed in Pinecone for efficient retrieval.
-Enabled intelligent interaction with **LLM**-driven responses grounded in PDF content using RAG architecture.

CERTIFICATES & ACHIEVEMENTS

- 1.Full Stack Data Science and AI Course** Naresh IT Technologies | [link](#) Apr 2024-Aug 2024
- 2.Business Intelligence & Analytics Course** IIT Madras | [link](#) Jan 2025-Apr 2025
- 3.Hack Revolution Hackathon Winner** | [link](#) Jan 2025
- 4. RESEARCH AND PAPER PUBLICATION:AI Powered Solution On Nutrition Management** | [link](#) June 2025
(**International Conference On Data Mining And Information Security- Springers Publication**)

EDUCATION

- ISL ENGINEERING COLLEGE** Hyderabad, India
Bachelor of Engineering in Computer Science |CGPA:8.9 Oct 2021– July 2025
- Sri Chandra Jr. and Degree College** Hyderabad, India
Intermediate(XII)|95% june 2019 – june 2021

SKILLS

Technical Skills: Python, SQL, Excel, Power BI, Streamlit, LangChain, n8n, Git,Html,Css.

Hard Skills: Data Cleaning, EDA, Data Visualization, Machine Learning,GEN AI,AGENTIC AI, RAG, LLMs, Vector DBs (FAISS, Pinecone)

Soft Skills: Strong communication in English & Hindi, Public speaking, Debate winner, Teamwork, Adaptability