

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

- AI-ML Virtual Internship (Amazon Web Services Academy)** | [link](#) Apr 2025-Jun 2025
 - Worked on guided assignments and mini-projects involving **data preprocessing, exploratory data analysis (EDA), using Python, Pandas, NumPy, and Matplotlib**
- 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

- 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; performed **EDA** to segment customer cohorts, identify revenue trends, and optimize channel performance.
 - Built an interactive **Power BI** dashboard visualizing key KPIs such as AOV, LTV, churn, and profitability to support strategic decision-making.
- 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 **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.
- Agentic Gen AI Chatbot with Document RAG** | n8n, Google Gemini, Pinecone, Google Drive | 🔗 [GitHub](#)
 - Engineered an Agentic AI chatbot using document chunking, vector embeddings, and conversational memory for contextual Q&A with LLM-driven responses.
 - Automated Google Drive ingestion, applied recursive text splitting, and indexed content in Pinecone using RAG architecture for efficient, PDF-grounded retrieval.
- Fraud Detection System for Banking Transactions** | Python, Machine Learning, XGBoost | 🔗 [GitHub](#)
 - Integrated a robust Fraud Detection System leveraging **Machine Learning and XGBoost** to uncover anomalous banking transactions and mitigate financial threats.
 - Implemented a complete pipeline including data preprocessing, advanced feature extraction, and model optimization for high-precision fraud classification.

CERTIFICATES & ACHIEVEMENTS

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

EDUCATION

ISL ENGINEERING COLLEGE

Bachelor of Engineering in Computer Science | CGPA: 8.9

Hyderabad, India
Oct 2021– July 2025

Sri Chandra Jr. and Degree College

Intermediate(XII) | 95%

Hyderabad, India
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