Krishna Sinha

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SUMMARY

Data Engineer and Analytics professional skilled in SQL, Python, and end-to-end data workflows. Experienced in building Retrieval-Augmented Generation (RAG) systems, customer churn analysis, and analytics dashboards to drive data-informed business decisions.

EDUCATION

MIT ADT University, Pune — B.Tech in Information Technology
Kendriya Vidyalaya No. 3, Pune — Class XII (CBSE) – 91%
Air Force School, Kanpur — Class X (CBSE) – 94%

TECHNICAL SKILLS

- **Languages:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL (PostgreSQL, MySQL)
- **Data Analytics:** Data Cleaning, EDA, KPI Tracking, Churn Analysis, Logistic Regression
- **GenAI & NLP:** RAG Pipelines, Vector Databases (ChromaDB), Embeddings, LangChain, Google Gemini
- **Tools:** Power BI, Tableau, Excel, Git, GitHub, Jupyter Notebook, VS Code

SELECTED PROJECTS

End-to-End RAG System for Document Q&A *Jan 2025*
Python, LangChain, ChromaDB, Google Gemini
- Designed a production-ready RAG pipeline for document-based question answering.
- Implemented semantic search using chunking and vector embeddings.
- Integrated Google Gemini to generate context-aware responses.

Customer Churn & Predictive Analysis *Mar 2025*
Python, SQL, Scikit-Learn, Pandas
- Analyzed customer behavior to identify churn drivers and risk segments.
- Built a Logistic Regression model optimized for recall.
- Translated churn insights into actionable retention strategies.

Sales & Customer Analytics Dashboard *May 2025*
PostgreSQL, Python, Power BI
- Built analytics-ready datasets using SQL joins and aggregations.
- Designed interactive Power BI dashboards for revenue and customer insights.

CERTIFICATIONS

- Neural Networks and Deep Learning – DeepLearning.AI *Feb 2025*
- Fundamentals of Visualization with Tableau – UC Davis *Apr 2025*
- Building NLP Pipelines with spaCy – LinkedIn Learning *Jun 2025*

ACTIVITIES & LEADERSHIP

- Finance Vice Head, Cognizant
- Core Member, GeeksforGeeks