Kritika Gupta

Data Engineer

+91-6291515196, +91-9830155217
kritika120100gupta@gmail.com
www.linkedin.com/in/kritikagupta12

ABOUT

Data Engineer with 3 years of experience working with cloud data platforms and building analytics solutions using Azure, PySpark, SQL, Databricks, dbt, Snowflake, and Microsoft Fabric. Possess a strong understanding of Lakehouse architecture, Delta Lake, data warehousing, big data, relational database and dimensional modeling.

SKILLS

- **Tools & Technologies:** Azure**,** Databricks, Apache Spark, Unity Catalog, Microsoft Fabric, Data Factory, ADLS Gen2, Azure Synapse, dbt, Snowflake, DevOps, GitHub, MLFlow, Machine Learning (beginner)
- **Languages & Frameworks:** PySpark, SQL, Python (beginner)
- **Data Visualization & Reporting:** Power BI

EXPERIENCE & PROJECTS

Data Engineer   Nov, 2024 - Present

Tietoevry Tech Services

Sales Data Processing   *dbt, SQL, ADLS, Snowflake*
- Parsed semi-structured XML files from Azure Data Lake Storage using dbt.
- Applied transformations and incremental loading strategies in dbt models.
- Delivered clean, query-ready datasets to Snowflake for downstream analytics and reporting.

Commodity Price Ingestion & Analytics   *Azure, Python, Postman, Snowflake*
- Integrated APIs to ingest commodity price data using Python.
- Developed scalable Python ETL scripts for Snowflake with robust error handling and scheduling.
- Normalized and enriched data to ensure accuracy and usability.

Real-Time IoT Data Analytics using Microsoft Fabric   *Fabric, IoT Hub, Power BI*
- Designed and implemented a real-time data analytics use-case using Microsoft Fabric.
- Processed and transformed JSON format streaming data to detect anomalies and trigger instant alerts.
- Built a live Power BI dashboard for real-time monitoring and insights.

Cloud Data Engineer I   Oct, 2022 - Nov, 2024

Insight

Data Reliability & Framework Enhancements   *Azure, Databricks, ADF*
- Resolved critical bugs across data frameworks to ensure reliable Delta Lake operations and seamless data processing.
- Optimized data workflows and Delta table performance through in-depth analysis and troubleshooting.
- Collaborated with stakeholders to design and deliver tailored solutions following the Medallion architecture.

CERTIFICATES

- DP 700 - Microsoft Fabric Data Engineer Associate
- DP 600 - Microsoft Fabric Analytics Engineer Associate
- DP 203 - Microsoft Azure Data Engineer Associate
- DP 900 - Microsoft Azure Data Fundamentals
- Databricks Lakehouse Platform Fundamentals Accreditation
- Databricks Generative AI Fundamentals Accreditation
- SAP S4HANA Development Course Certificate

EDUCATION

Techno India University, Kolkata   **2019 - 2023**
Bachelor of Technology, Computer Science Engineering   *CGPA: 8.83*

ACHIEVEMENTS

- Awarded as *'Employee of the Month'* in Insight
- Consistently recognized for strong problem-solving skills and timely resolution of complex data issues.