



Gudimetla Venkata Narasimha Reddy

Azure Data Engineer

Experienced Azure Data Engineer with 3 years of expertise in designing and implementing data solutions on the Azure Platform. Proficient in designing end-to-end data pipelines to automate the flow of data, ensuring systematic processing at each stage—including cleaning and leveraging raw data to extract actionable insights. Well-versed in Medallion architecture. Seeking a challenging role where I can utilize my technical skills and analytical mindset to contribute to data-driven decision-making processes.

Experience

○ Tata Consultancy Services (2021 - present)

Data Engineer in FedEx(customer)

- Migrated on-premises data to Azure Data Lake using Azure Data Factory (ADF) for efficient data movement and automation(approx. 8 TB)
- Developed data pipelines to automate the process of data ingestion into the Azure Data Lake Gen2 Storage from various source systems such as on-premises, Azure SQL and blob storage using Azure Data Factory from various file type to parquet format
- Developed spark application using Pyspark and Spark-SQL for data extraction transformation and aggregation from multiple files formats (Delta) for analysis & transforming the data to uncover insights into the customer using patterns
- Developed and maintained an Azure Databricks environment for big data processing, including structured streaming.
- Designed and implemented data pipelines, incorporating to efficiently push data into Azure Data Warehouse (Azure Synapse)
- Worked with Data Scientists and analysts to understand Data needs and design effective workflows and perform data manipulation on business requirement
- Data Bricks empowers users to manipulate complex data formats like JSON and XML, transforming it for business use needs.
- Implemented the Delta Live tables for incremental data processing and automated the flow of standardized to curated layers and implemented the structures Streaming
- Implemented Databricks cluster optimization techniques, reducing cost consumption by 40%. Understanding of CI/CD processes.

○ Skills

Programming Languages: Python, Java, PySpark
Data Manipulation : Pandas, NumPy
Database Technologies: MySQL
Big Data Technologies: Hadoop(Spark, HDFS)
Cloud Platforms: Azure,GCP
Version Control: Git,ADO
Prompt Engineering, ChatGPT, Bard

○ Additional Skills & Achievements

- Solid understanding of data manipulation and data cleaning techniques.
- Familiarity with data visualization libraries for presenting insights
- Experience with AI tools like ChatGPT and BERT.
- Best Team Award in 2022
- Team Best Performer Award in 2023
- Continuous learning mindset to acquire new skills and stay updated with industry trends.

○ External Certificate

[GCP ACE\(Associate Cloud Engineers\)](#) [Fundamentals of the Databricks Lakehouse](#)
[Applied Data Science with Python.](#)

Contact

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Hyderabad

Education

Bachelor's Degree in Computer Science

SRKR Engineering College 2021

Projects

- PathFinder
- LSSI Banded Commit

Expertise

- Python
- SQL
- PySpark
- Data Analytics
- Spark
- Prompt Engineering

Language

English

Telugu