ManiKumar Modela

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Profile Summary

I have 2.6 years of hands-on experience in designing, implementing, and optimizing data pipelines and architectures in data Engineering field. Proficient in managing large-scale data systems, transforming raw data into actionable insights, and ensuring the seamless integration of data across diverse platforms. Skilled in leveraging advanced tools and technologies to streamline data workflows, enhance performance, and support data-driven decision-making. Adept at collaborating with cross-functional teams to deliver robust solutions aligned with business objectives.

Experience

IT Haca Technologies | Data Specialist   **March 2025-Oct 2025**

- Developed and optimized **ETL pipelines** in **Azure Data Factory (ADF)** for seamless data integration and transformation.
- Used **PySpark** for distributed data processing, handling large datasets efficiently to extract, transform, and load data.
- Designed and managed data workflows in **Snowflake**, implementing advanced analytics and ensuring high performance for querying.
- Built robust data pipelines using **Python**, **Matplotlib** and **Pandas** for cleaning, transforming, and analyzing data.
- Created and executed complex **SQL** queries for data extraction, transformation, and optimization of relational databases.
- Utilized **Git** and **GitLab** for version control, ensuring seamless collaboration across teams in agile project settings.
- **Tools & Technologies used: Azure, Pyspark, ADF, Git, Snowflake, Python, SQL, Pandas, GitLab**

Anblicks | Junior Data Engineer.   **Feb 2022-Jan 2024**

- Successfully **migrated on-premises data to Azure Cloud** using **Azure Data Factory (ADF)**, ensuring seamless data integration and minimal downtime.
- Managed and processed **CSV data**, leveraging **Python** and custom scripts to parse, transform, and load CSV into cloud storage or relational databases.
- Integrated **Azure Key Vault** to securely manage and access sensitive credentials and secrets within pipelines and applications.
- Automated and scheduled workflows using **Apache Airflow**, streamlining data processes across multiple system.
- Leveraged **Git** and **GitLab** for version control and collaborative development, maintaining a streamlined deployment pipeline.
- I have successfully delivered secure, scalable, and high-performing data solutions that drive insightful decision-making and enhance business intelligence capabilities.
- **Tools & Technologies used: Azure, Azure Key vault, ADF, Git, Airflow, Python, SQL, GitLab.**

Education

VR Siddhartha Engineering College,MCA   **2022**

Technical Skills

- **Programming Languages**: Python, SQL
- **Cloud Platform**: Azure
- **ETL**: Azure Data Factory
- **Data Warehouse**: Snowflake
- **Big data tools**: Pyspark
- **Python library**: NumPy, Pandas, Matplotlib.
- **Other Skills:** Data Cleaning, Data Visualization, Data Modeling, Predictive Analytics, Business Intelligence

REWARDS & RECOGNITIONS

- Recognition for outstanding performance, often awarded for exceptional contributions to projects, problem-solving skills, or teamwork.

Certifications

- **SQL for Data Science** – Udemy.
- **Python Programming** – Coursera
- **SnowProCore.**