Muzeeb Rehman Shaik

Hyderabad|+918555086668[|mujeebrehmanshaik78@gmail.com](mailto:mujeebrehmanshaik78@gmail.com)

# Profile Summary

I have 3.8 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

**Synechron | Associate Technology March 2024-Present**

* Developed and optimized ETL pipelines in **Azure Data Factory (ADF)** and **Azure Synapse** for efficient data integration and transformation.
* Managed data workflows in **Snowflake**, implementing **Snowpipe** for continuous data ingestion, **Streams** and **Tasks** for real-time data updates, and **Time Travel** for data versioning and auditing.
* Designed and implemented robust data pipelines using **Python**, **Pandas**, and **Matplotlib** for data cleaning, analysis, and visualization.
* Built advanced SQL queries and optimized data models for high-performance querying, leveraging **Redshift** for AWS-based data warehousing solutions.
* Managed cloud storage and data lake operations with **AWS S3** and integrated with other cloud services like **AWS Glue** for ETL orchestration and **AWS Athena** for serverless querying.
* Developed serverless functions using **AWS Lambda** to automate workflows and trigger data processes.
* Utilized **PySpark** for distributed processing of large datasets, enabling scalable data workflows.
* Employed **DBT** for data transformation and modeling, ensuring standardized, repeatable analytics workflow.
* 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 and CI/CD pipelines.
* **Tools & Technologies used: AWS, Pyspark, Glue, DBT, 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 systems.
* 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.**

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| Education |  |
| **VR Siddhartha Engineering College, BTECH(ECE)** | **2022** |

# Technical Skills

* **Programming Languages**: Python, SQL
* **Cloud Platform**: Azure, AWS (S3, Glue, Athena, Lambda, Redshift)
* **ETL**: Azure Data Factory, AWS Glue, DBT(Data Build Tool for Transformation)
* **Data Warehouse**: Snowflake (Snowpipe, Task, Stream, TimeTravel), Redshift, Data Bricks
* **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.**
* **Azure/AWS Fundamentals.**