RANGANATH R N

Azure Data Engineer

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Over 3+ years of expertise in designing and implementing IT solution delivery, support for diverse solutions and technical platforms

PROFESSIONAL SUMMARY :

- 3+ years of overall IT experience in Big Data Analytics and Azure Data Engineering.
- 2 years of experience in Azure Data Engineering technologies like **Azure Data Factory, Azure Databricks, ADLS, Pyspark, Azure SQL DB, Databricks Delta.**
- Experience in tuning data factory pipelines and mapping data flows.
- Experience in implementing performance tuning techniques in **spark** and improving performance of spark jobs.
- Experience in manipulating/analyzing large datasets and finding patterns and insights within structured and unstructured data.
- Experience in migrating the data from different source systems to Azure using **Azure Data factory and Azure Databricks.**
- Experience in creating data driven workflows for data movement and transformation as part of ETL using Azure Data Factory.
- Effective team player with good communication skills and with a strong attitude towards learning new technologies.

EDUCATION QUALIFICATIONS :

- B. Tech (Civil Engineering) from **Reva Institute of technology and management** affiliated by **VTU** (2018).

SKILLS :

- Azure Cloud   :   **Azure Databricks, Azure Data factory, Databricks Delta.**
- Spark Frameworks   :   **SQL.**
- Programming Language   :   **Python, SQL.**

PROFESSIONAL EXPERIENCE:

- Working as a **Azure Data Engineer** for **DELL, Hyderabad** from **Apr-2019** to Till Date.

Project 1 :

(Client: TEK SYSTEMS): Insurance E-Track System
Role: Azure Data Engineer
Environment: Azure Data Factory, Mapping Dataflows, Azure Databricks, Logic Apps, Pyspark.

Responsibilities

- Responsible for data extraction and data integration from different data sources into Azure Data Lake by creating ETL pipelines Using **Azure Databricks, Spark, Azure Data factory.**
- Worked on converting data into appropriate formats to optimize reads and memory, clean the data and calculating key metrics.
- Implemented Spark using Python in Databricks utilizing **Data Frames** and **Spark-SQL API** for faster Processing of data.
- Tuning ADF copy activity efficiently and transformations using ADF Mapping Data flows.
- Experience in migrating the data from on-premises to Azure using ADF.

Project 2:

(Client: TEK SYSTEMS): AVQ Reports
Role: Azure Data Engineer
Environment: Pyspark, Azure Databricks, Azure Data Factory.

Responsibilities

- Expertise on collecting, storing, processing, and analyzing huge sets of data to deliver value to case teams through providing analytics subject matter expertise, and accelerated execution support.
- Developed **data bricks, Pyspark scripts** and implemented data analytics use cases to handle
- large volume of data using **spark SQL, Data frames, Delta format.**
- Imported required tables from RDBMS to Azure using ADF and mapping data to target data model using mapping data flows.
- Experience in creating dynamic pipelines using parameterization and control tables.
- Implemented business logic as per the requirement using **Databricks with PySpark and ADF.**

Declaration :

I hereby declare that the above information furnished by me is correct to the best of my knowledge and belief.

Place- Hyderabad   **(RANGANATH R N)**