

Hassan Farooq

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Work Experience

Bolt - Data Engineer

Aug 2022 - Now

- › Developed data warehouse for financial data in Presto DB using Python, PySpark, SparkSQL in Databricks.
- › Implemented and orchestrated robust dynamic pipelines using Databricks workflows.
- › Developed and automated long-range planning model for the company which helped in securing funding.
- › Designed and automated data export on Google Sheets using Google Sheet API and Databricks.
- › Devised and created data quality checks pipelines for validation of source and target data.
- › Conducted optimization of queries, established logging mechanisms, and scheduled pipelines.
- › Worked with Presto DB, RedShift, Databricks, Looker, s3 storage, Python, PySpark, Spark SQL, Google Sheet API, and Adaptive Planning.

Systems Limited - Junior Consultant Data Analytics

Nov 2020 - July 2022

- › Developed data warehouse for a retail E-commerce client on MS Azure using Big Data technologies.
- › Developed near real-time OLTP systems for a retail E-commerce client on Synapse Analytics dedicated pool.
- › Developed Pipelines for ETL and near real-time OLTP system on DataFactory in MS Azure.
- › Analyzed and implemented business logic in PySpark and SparkSQL on DataBricks.
- › Performed query optimization, logging and scheduled tumbling, time and event based triggers.
- › Created store procedures and semantic views for data warehouse and OTLP system .
- › Created and implemented Azure Functions to parse semi-structured XML files.
- › Assisted in Big Data training on MS Azure and provided consultation on different Data warehouse modernization projects.
- › Worked with Azure Synapse Analytics, Data Factory, Databricks, Azure Functions, Data Lake Gen1/2, Blob Storage, Logic Apps, Python, T-SQL, PySpark and Spark SQL.

Skills

- **Programming Languages:** Python, PySpark, SparkSQL, SQL familiar with JavaScript.
- **Technologies:** Data Factory, DataBricks, s3 storage, Data Lake, Delta Lake, Azure Synapse, Delta Lake, Presto, Redshift, Looker, Azure Functions, Logic Apps, Azure Stream Analytics, Azure Blob Storage, Azure Alerts, Google Sheet API, Adaptive Planning

Certifications and Education

Certified Databricks Data Engineer Associate

Feb, 2023

Microsoft Certified Azure Data Engineer (DP-203)

May, 2022

Microsoft Certified Azure Data Fundamentals (DP-900)

February, 2022

National University of Computer and Emerging Sciences (FAST)

BS (Computer Science)

2016 – 2020

Islamabad