

ABDUS SATTAR

Data Engineer | Senior Data Engineer | Cloud Data Engineer

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PROFESSIONAL SUMMARY

Data Engineer and Cloud Data Architect with 15+ years of overall technology experience, including 7+ years specializing in Data Engineering and Cloud Data Platforms. Experienced in designing and delivering scalable Azure Lakehouse architectures, Medallion data models, batch and real-time streaming pipelines, and enterprise data integrations. Strong hands-on expertise in Azure Databricks, Apache Spark, PySpark, Delta Lake, Apache Kafka, Azure Data Factory, and Azure Synapse Analytics. Databricks Certified Data Engineer Associate with experience in Spark performance tuning, data quality, CI/CD automation, and technical leadership.

CORE COMPETENCIES

Cloud & Lakehouse:	Azure Databricks, Azure Data Factory, ADLS Gen2, Azure Synapse Analytics, Delta Lake, Medallion Architecture
Data Engineering:	Apache Spark, PySpark, Delta Live Tables, ETL/ELT, Data Warehousing, Data Modeling, Data Quality
Streaming & Integration:	Apache Kafka, Spark Structured Streaming, Apache Flink, REST APIs, SaaS integrations
Databases:	MongoDB, SQL Server, MySQL, PostgreSQL
Programming & DevOps:	Python, SQL, PHP, Azure DevOps, Git, CI/CD, Databricks CLI, Agile Delivery, Performance Tuning
Analytics:	Power BI, Tableau, Apache Superset

PROFESSIONAL EXPERIENCE

THE ENTERTAINER

Principal Data Engineer

Dubai, UAE | Apr 2025 – Present

Senior Data Engineer / Data Engineer

Lahore, Pakistan | Nov 2021 – Mar 2025

- Designed and delivered enterprise data engineering solutions on Azure using Azure Databricks, Delta Lake, Azure Data Factory, and Azure Synapse Analytics.
- Led migration of legacy data warehousing infrastructure to a modern Azure Lakehouse using Medallion Architecture (Bronze, Silver, Gold), improving data processing reliability and analytical readiness.
- Architected scalable batch and streaming pipelines using Apache Spark, PySpark, Delta Lake, Kafka, and Spark Structured Streaming.
- Built automated ingestion and integration pipelines for Amplitude analytics, MoEngage CRM, and Singular attribution platforms.
- Engineered KSA ZATCA e-invoicing data integration pipelines for regulatory compliance, secure payload processing, and real-time audit reporting.
- Built custom ETL frameworks to transform operational MongoDB data into Azure Synapse Analytics for enterprise reporting.
- Implemented automated data quality validation using Delta Live Tables and optimized Delta workloads through partitioning, caching, and Z-Ordering.
- Automated CI/CD deployment workflows using Databricks CLI, Azure DevOps, Python, and Git-based engineering practices.
- Provided technical leadership, established engineering standards, and mentored junior and mid-level data engineers.

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Data Engineer / Software Engineer

Lahore, Pakistan | Oct 2018 – Sep 2021

- Developed distributed Apache Spark and Apache Flink pipelines for large-scale data ingestion and real-time event stream processing.

- Developed and deployed machine learning models into production and built REST APIs supporting scalable data applications.
- Implemented automated monitoring, data validation, and CI/CD pipelines to improve platform reliability and deployment consistency.

SELECTED DATA ENGINEERING PROJECTS

Legacy Warehouse Migration to Azure Lakehouse

Azure Databricks, Delta Lake, PySpark, Azure Data Factory

- Migrated a legacy data warehouse to a Bronze/Silver/Gold Medallion architecture on Delta Lake, focusing on data quality, concurrency, and compute efficiency.

SaaS & Compliance Data Integration Platform

Azure Databricks, REST APIs, Python, Kafka

- Engineered end-to-end integration pipelines for Amplitude, MoEngage CRM, Singular, and KSA ZATCA e-invoicing compliance data.

Kafka Real-Time Application Event Ingestion

Apache Kafka, Spark Structured Streaming, Delta Lake

- Architected real-time ingestion pipelines consuming high-frequency application events through Kafka into Delta Lake for streaming analytics.

MongoDB to Azure Synapse Analytics Platform

MongoDB, ADF, Azure Databricks, Azure Synapse

- Automated ingestion and standardization of operational MongoDB collections into Azure Synapse to support Power BI and Tableau reporting.

EDUCATION & CERTIFICATIONS

- **MS Data Science (In Progress):** FAST National University of Computer & Emerging Sciences
- **Databricks Certified Data Engineer Associate**
- **Microsoft Certified: Azure Data Scientist Associate**

TARGET ROLES: Data Engineer | Senior Data Engineer | Azure Data Engineer | Databricks Data Engineer | Cloud Data Engineer