HAREEN EDLA

DATA ENGINEER

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OBJECTIVE

- Highly experienced Data Professional with 5.5 years of expertise in data analysis, business intelligence, and building robust data solutions, seeking a Lead Data Analyst role in the Financial Services sector. Proven ability to leverage SQL, Python, and leading BI tools (Power BI, Tableau) to extract, transform, and visualize complex datasets, driving data-driven decision-making. Adept at ensuring data quality, streamlining reporting processes, and fostering a data-centric culture, with a strong foundation in cloud data platforms (Azure, AWS) and a track record of supporting analytical teams.

SKILLS

- **Cloud Technologies:** Azure Data Engineering – Azure Data Factory, Azure Databricks, Azure Synapse Analytics, Azure SQL, Azure Data Lake Storage, Azure Functions, Logic Apps, Azure Key Vault, AWS Data Engineering – Redshift, EMR, S3, Glue, Lambda, Step Functions, Databricks
- **Big Data Eco System:** HDFS, MapReduce, Hive, Kafka, Airflow, Databricks, Flink
- **Languages:** SQL, PySpark, Python, Scala, Pig Latin, HiveQL, Shell Scripting.
- **Software Methodologies:** Agile, SDLC Waterfall.
- **Databases:** Azure SQL, RDS, MySQL, Oracle, DB2, PostgreSQL, DynamoDB, MS SQL SERVER.
- **NoSQL:** HBase, MongoDB, Cassandra.
- **ETL/BI:** Power BI, SAP BO, Tableau
- **Version control:** GitHub, Azure Devops, Bitbucket.
- **Operating Systems:** Windows (XP/7/8/10), Linux (Unix, Ubuntu), Mac OS.
- **Data Analysis & Business Intelligence:** SQL (Advanced), Python (Pandas, NumPy), Power BI, Tableau, Spotfire, Data Visualization, Reporting, Dashboarding, Business Intelligence, Data Storytelling, Data Quality, Data Governance.

WORK EXPERIENCE

AZURE DATA ENGINEER
JAN 2025 - PRESENT
TASK TECH RECRUITERS

- Led initiatives to ensure data quality and reliability by implementing schema enforcement and versioning for data ingested into Delta Lake and Snowflake, reducing data errors by 40%.
- Developed and maintained robust ETL pipelines in Azure Data Factory (ADF) to prepare and transform 1B+ records daily from Oracle, SQL Server, Hive, and Snowflake, ensuring high data availability for analytical consumption.
- Monitored and optimized Azure Databricks Spark clusters to support data processing for analytical workloads, reducing cluster downtime by 25% and enhancing data accessibility for BI users.
- Implemented data quality checks using Great Expectations and custom PySpark validators, significantly increasing pipeline data integrity and reducing manual validation efforts by 50%.
- Configured Databricks job-level monitoring with alert rules and webhook-based notifications, ensuring proactive identification of data processing issues and maintaining data freshness for reporting.
- Utilized CI/CD automation via Azure DevOps to ensure consistent deployment of data pipelines, supporting reliable access to analytical datasets.

DATA CONSULTANT
SEPT 2023 - NOV 2024
SAINT LOUIS UNIVERSITY

- Developed PL/SQL procedures and optimized stored packages for business-critical reporting systems, ensuring efficient data retrieval for end-users.
- Enabled real-time monitoring of student portal activity and IT systems by integrating Kafka with Spark Structured Streaming and OpenSearch, providing immediate insights for IT and academic support teams.
- Built Spark jobs to clean and normalize data from multiple university departments, streamlining inter-departmental reporting and data sharing processes.
- Designed interactive dashboards in Spotfire for operational and financial reporting, providing end-users with actionable insights.
- Continuously monitored and enhanced data platform performance, reliability, and security, directly contributing to the integrity of analytical outputs.

WORK EXPERIENCE

DATA ANALYST
ACCENTURE

AUG 2022 - JUL 2023

- Developed ETL and ELT workflows in Python and Matillion, migrating financial transaction data from diverse legacy systems into Snowflake, supporting scalable analytics.
- Provided consulting and training to analysts and business teams on leveraging developed reports and conducting ad hoc exploration, promoting a data-driven culture.
- Built modular, reusable dbt models with robust data quality tests and version control, enhancing the reliability and consistency of data transformations for analytical consumption.
- Designed and optimized real-time streaming pipelines using Apache Kafka and Flink to process transactional event streams for fraud detection, delivering critical data with 30% faster throughput.
- Performed data profiling and implemented quality metrics to detect anomalies early, reducing downstream data issues by 35% and enhancing trust in analytics outputs.
- Created and maintained detailed technical documentation covering data pipelines and governance policies, supporting cross-team knowledge transfer and operational excellence.

JUNIOR DATA ANALYST
ACCENTURE

JAN 2020 - MAY 2022

- Collaborated with data engineering teams to build batch and streaming ETL pipelines that ingested, transformed, and loaded banking transactions, customer profiles, and account data into secure enterprise data warehouses.
- Developed Python-based ETL scripts to process high-volume financial datasets, applying data cleansing, validation, masking, and enrichment to support downstream analytics and reporting.
- Designed data integration workflows using Python and SQL to pull data from Oracle, NoSQL, and flat-file sources, ensuring schema consistency and referential integrity for reporting.
- Implemented data quality checks and automated alerts for anomalies in customer onboarding and transaction records, reducing manual data review time by 30%.
- Optimized complex SQL queries and stored procedures used in reconciliation processes and daily settlement reports, improving performance by 25% on average.
- Assisted in configuring data governance controls aligned with internal compliance and audit standards (PCI DSS, GDPR), ensuring data security for analytical use.

EDUCATION

2023 - 2025	Master of Science in	2019- 2022	Bachelor of Science in
SAINT LOUIS	Information Systems	SAINT MARY'S	Computer Science
UNIVERSITY		COLLEGE	

CERTIFICATIONS

- **MICROSOFT CERTIFIED:** Fabric Data Engineer Associate
- **AWS CERTIFIED:** Data Engineer Associate

- **INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY:** Advanced Programme in Data Science