

Avez Shariq SK.

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Professional Summary

Senior Data Engineer & Team Lead with 5+ years of experience specializing in Azure Data Services and Medallion Architecture. Expert in building **scalable ETL pipelines** using Databricks and ADF, with a focus on Data Vault methodologies and Python-driven **automation**. Proven leader in **mentoring technical teams**, **optimizing code performance**, and delivering actionable business intelligence

Technical Skills

- **Languages:** Python (*Pandas, Flask, FastAPI, Matplotlib, Seaborn, ScikitLearn, PyGame*), Web Development (*HTML, CSS, JavaScript*), SQLServer
- **Big Data and Cloud:** Apache Spark, Pyspark, Databricks, Airflow, Azure

Professional Experience

Accenture | Senior Analyst | Oct 2024 – Present

- Led **daily cross-functional operations**, providing technical mentorship and resolving complex roadblocks through strategic communication with leadership and client
- Managed **end-to-end project documentation**, including mapping documents and formal agreements, ensuring 100% alignment with compliance standards
- Engineered Databricks pipelines utilizing Medallion Architecture and **Data Vault techniques** to transform raw data into high-quality, scalable Silver-layer assets
- Defined development benchmarks by establishing unit testing **frameworks and enforcing clean-code practices** to optimize system performance

Data Semantics | Data Engineer | Dec 2022 – Sep 2024

- **Architected ETL workflows** using Azure Data Factory and Databricks to implement Silver and Gold layer business logic
- **Automated critical metadata management** by developing Python scripts for Config and Audit table entries, significantly increasing operational efficiency
- Cultivated technical excellence by conducting advanced SQL and Python training sessions for both internal teams and client stakeholders

98thPercentile | Data Analyst | Feb 2021 – Dec 2022

- Drove business intelligence initiatives by analyzing **sales trends, lead conversion rates**, and teacher performance metrics to inform executive strategy
- Visualized key KPIs through **interactive dashboards** and spearheaded **internal training programs** that boosted departmental productivity

Projects

- [JSON Visualizer](#) - To visualize the tree of a JSON to understand structure, depth, metadata etc., in pictorial format
- [Telecom Churn case study](#) - Developed a model to predict probability of churn of a customer using logistic regression technique
- [Chess case study](#) - Performed EDS on chess data to predict winning chances based on openings, color, format of the game etc..
- [Solar System](#) - Used PyGame and 3D graphics to visualize various aspects of solar system for educational purposes

Education

- **Post Graduate Diploma in Data Science** | International Institute of Information Technology (IIIT Bangalore) | Feb 2021 - Apr 2022
- **Master in Technology** | National Institute of Technology (NIT Rourkela) | May 2014 - Jun 2016

Certifications

- **Databricks Fundamentals Accreditation** - Databricks
- **Python** - Kaggle
- **Inbound Marketing Optimization Certified** - HubSpot