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# SHAHZAD AHMAD | DATA ENGINEER

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## PROFESSIONAL SUMMARY

Experienced data engineer skilled in designing and optimizing data infrastructure. Proficient in ETL processes, cloud technologies, and data modeling. Collaborative team player committed to delivering high-quality, scalable data solutions.

## CORE COMPETENCIES

- ✓ Python Programming
- ✓ Data Visualization ( Matplotlib/Seaborn)
- ✓ EDA (Exploratory Data Analysis)
- ✓ Azure/AWS(EMR,S3,Redshift,Lambda)
- ✓ Databricks
- ✓ Data Preprocessing/ Data Wrangling
- ✓ MySQL / MS Excel
- ✓ Statistics Analysis (Descriptive & Inferential)
- ✓ Machine Learning

## PROFESSIONAL EXPERIENCE

### Solutyics

#### Data Engineering | July, 2023 - Sep 2023

- Collect, Design, build, and maintain data pipelines for data extraction, transformation, and loading.
- Manage data warehouse architecture for efficient data retrieval and analysis.
- Develop ETL processes to clean, aggregate, and prepare raw data for analysis.
- Integrate third-party data sources and APIs into the data infrastructure.
- Establish data governance policies and security measures to protect sensitive data.
- Monitor and optimize data infrastructure and processes for efficiency and scalability.
- Collaborate with data scientists, analysts, and stakeholders to understand data requirement

### Freelancing

#### Data Analyst | February, 2022 - Present

- Regression and Time series Analysis
- Data Visualization using Power BI/Tableau
- Prediction the result using statistical Hypothesis
- Data gathering and Pre-Processing using Python Library
- Interpreting data, analyzing results using statistical techniques

## RELEVANT CERTIFICATES

- Professional Certificate Data Engineering From IBM (Data Engineering, AI& Development, RDBMS, Databases and SQL,DBA,ETL and Data Pipelines with Shell, Airflow and Kafka, Warehousing and BI Analytics, NoSQL, Big Data with Spark and Hadoop, DE and ML using Spark)
- Python Data Structures From University of MICHIGAN (Coursera)
- Microsoft Azure Data Engineering Associate (DP-203) (Coursera)

## EDUCATION

### 2022 - 2024 | FAST NUCES ISLAMABAD

Master of Science - Data Science

### 2013 - 2017 | PMAS (UAAR)

Bachelor of Science- Computer Science

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