

SHAH NAWAZ ALAM ANSARI

Data Engineer

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<https://www.linkedin.com/in/9shah>

- ❖ **Having 6.7 years** of IT experience.
- ❖ **Having 2.8 years** of experience working in **Hadoop Ecosystem**, design/developing applications.

TECHNICAL SKILL

Data to Eco System	:	Hadoop, Sqoop, Hive, Spark, Aws, Elastic Search, Redshift, Lambda, Athena, EMR, S3, EC2, Aws Glue, Air-Flow, Numpy, Pandas, Github
Visualization	:	Tableau, Power BI
Languages	:	Scala, Python, SQL, Unix Shell Script
Databases	:	MySQL
Operating Systems	:	Windows, Linux
IDE and Build Tools	:	Eclipse, Pycharm

PROFESSIONAL EXPERIENCE

Company: OSIYA TECH COMM PRIVATE LIMITED

Jan 2022 – Sep 2024

Project Role: Data Engineer

Responsibilities:

- ❖ Wrote Spark applications for data validation, cleansing, transformation, custom aggregation.
- ❖ Performed **Import and Export** of data into **HDFS and Hive** using **Sqoop** and managed data within the environment.
- ❖ Involved in **Creating Hive Tables, Data Loading** and writing **Hive queries**.
- ❖ Was responsible for **Optimizing Hive** queries that helped in saving Cost to the project.
- ❖ **Managed Hive Tables** and created child tables based on partitions.
- ❖ **Loaded and transformed** large sets of data.
- ❖ Implemented Spark using **Scala and spark SQL** for faster testing and processing data.
- ❖ Import data from disparate sources into **Spark RDD Processing**.
- ❖ Developed custom aggregate function using **Spark SQL** and perform interactive querying.
- ❖ Spark query tuning and performance optimization.
- ❖ Performed **Import and Export** of remote data to **AWS S3, RDS, EMR, EC2**.
- ❖ Developed **spark** code and deployed it in EMR.
- ❖ Involved in delivering the resultant data to RDS.
- ❖ Ran necessary **containers (ECS)** in Aws.
- ❖ Performed necessary analytics in AWS **Athena**.
- ❖ Scheduled necessary scripts in **EC2** to integration with other servers.
- ❖ Involved in working on the Data Analysis, Data Quality and data profiling for handling the business that helped the Business team.
- ❖ Code & peer review of assigned task. Unit testing and Bug fixing.

- ❖ Use for **AWS Glue** to prepare, move, and integrate data from multiple sources for analytics
- ❖ Handling all stack by **Python Language**.
- ❖ **Airflow** for schedule, monitor and manage workflow.
- ❖ **Numpy** and **Pandas** use for clean data and processing to make comfortable data.

Company: OSIYA TECH COMM PRIVATE LIMITED

Feb 2018 – Jan 2022

Project Role: Testing

Responsibilities:

- ❖ Meet with system users to understand the scope of projects.
- ❖ Work with **software developers** and project support teams.
- ❖ Identify **the business requirement** and Plan project.
- ❖ **Monitor application and software** system.
- ❖ Carry out **stress testing, performance testing, functional testing** and **scalability testing**.
- ❖ Write bug report.
- ❖ Assess code, carry out resources planning and **Review documentation**.
- ❖ Work towards departmental and project deadlines.
- ❖ Provide quality assurance.
- ❖ Provide **object feedback** to software development project teams.
- ❖ Troubleshoot and problem solve.
- ❖ Design test to mitigate risk.
- ❖ Present finding to software development and business user teams.
- ❖ Document analysis.
- ❖ Communicate finding to technical and non-technical colleagues.

EDUCATIONAL PROFILE:

- Completed **Engineering** in **2016** with **6.74 CGPA** from **MaryLand Institute of Technology And Management** from **Kolhan University**.