

SUMMARY

History of mining, warehousing and analyzing data at the company-wide level. Knowledgeable about the principles and implementation of machine and deep learning. Results-oriented and proactive with top-notch skills in project management and communication.

SKILLS

SQL Transactional Replications	●●●●●	SQL and Databases	●●●●●
Risk Analysis	●●●●●	Data Mining	●●●●●
Data Analysis	●●●●●	Data Analytics	●●●●●

EXPERIENCE

Data Engineer

Gulf Oil May 2021 - Present

As a Data Engineer at Gulf Oil, I played a crucial role in enhancing data-driven decision-making processes within the company's drilling operations. My responsibilities encompassed designing, developing, and maintaining data pipelines that facilitated the seamless integration of real-time drilling data from remote rigs into our central data platform. This project significantly improved operational efficiency and safety protocols.

Key Accomplishments:

- Data Pipeline Development:** Designed and implemented robust data pipelines using technologies like Apache Kafka and Apache Spark to ingest, process, and transform high-frequency drilling data streams. These pipelines allowed for real-time data availability, enabling the operations team to make informed decisions on the fly.
- Data Quality Assurance:** Implemented data validation and quality checks to ensure the accuracy and reliability of incoming data. This involved developing custom scripts and automated processes to detect and rectify anomalies, reducing manual error checking by 80%.
- Scalability and Performance:** Led efforts to optimize data pipelines for scalability, achieving a 50% reduction in processing time. This ensured that the system could handle data from an expanding fleet of drilling rigs as the company grew.
- Data Warehousing:** Designed and maintained a centralized data warehouse using AWS Redshift, which served as the single source of truth for historical drilling data. This enabled cross-functional teams to access and analyze data for performance evaluation and predictive maintenance.

EDUCATION

Artificial Intelligence and Machine Learning

SIES Graduate School of Technology Dec 2021 - Jul 2023

LANGUAGES

English	●●●●●	Marathi	●●●●●
Hindi	●●●●●		