

Mayur Goyal

Data Engineer

Experienced Data Engineer skilled in ETL, data warehousing, and data modeling. Proficient in Python, SQL, and cloud platform with a strong track record in data pipeline design and optimization. Collaborative team player focused on delivering efficient solutions for data-driven insights.



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SKILLS

Python

AWS

Kafka

Kafka-connect

Trino

MySQL

Airflow

Neo4j

Hudi

Hive

Protobuf

Django

React JS

NodeJS

Deep Learning

Front-end

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Reading

EDUCATION

Engineering

Hindustan College of Science and Technology

06/2017 - 08/2021

Mathura

Bachelor of Technology

Computer Science

PROJECTS

Real-Time ETL Data Pipeline (Kafka, Kafka Connect):

- Designed and implemented a real-time data pipeline to extract data from RDS and store it in S3 for efficient analysis and reporting.
- Utilized Kafka and Kafka Connect to ensure seamless, low-latency data transfer.
- Created and managed Iceberg tables for structured data storage, enabling improved query performance and data versioning.

Fraud Detection Graph (Neo4j)

- Developed a fraud detection graph using Neo4j, enhancing fraud detection capabilities by modeling complex relationships in the data.
- Created pipeline for almost real-time data ingestion and detection.

Optimized Redis Storage with Protobuf and Python

- Enhanced Redis storage efficiency by implementing data compression techniques using Protobuf and Python.
- Achieved up to 80% data compression, reducing memory footprint and improving data retrieval performance within Redis.

In-House Communication Application (Flask, Redis, Celery, Bootstrap)

- Designed and built an in-house communication application, significantly reducing company expenditure costs by up to 80%.
- Leveraged Flask for web development, Redis for data caching, Celery for task management, and Bootstrap for a user-friendly interface.

EXPERIENCE

FPL Technologies (OneCard, OneScore) (08/2021)

Data Engineer

MountBlue Technologies (04/2021 - 08/2021)

Trainee in SDE (Python, ReactJS)

ACHIEVEMENTS

Cleared Google FooBar challenge