

Jakeer Hussain Palagiri

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EXPERIENCE

Phenom

Jan 2022 – Present

Data Engineer

Hyderabad, Telangana

- **Data Warehousing(Snowflake):** Designed and implemented functions for importing, cleaning, transforming, and analyzing data, enabling insightful conclusions and strategic decision-making. Expertise in identifying trends,patterns, and correlations in complex datasets.
- **Data Modelling:** Developed robust data models with fact and dimension tables to ensure efficient data storage and reusability. Defined relationships between data entities to support flexible querying and reporting.
- **ETL Orchestration (Airflow):** Created and managed Airflow DAGs in Python to streamline data flow through ETL pipelines. Provided operational support and troubleshooting for failures in production workflows, ensuring minimal downtime.
- **Business Intelligence (Looker):** Built comprehensive dashboards with diverse visualizations, using LookML to design views and optimize reporting for various product domains. Contributed to strategic decision making by presenting actionable insights.
- **Client and Team Support:** Collaborated with support teams to provide platform-level troubleshooting and optimization. Mentored new team members, helping them adapt to the tools and processes, while fostering a collaborative learning environment.
- **Real-Time Data Processing (Pinot, Flink):** Developed advanced real-time data processing pipelines with Apache Flink, integrating data ingestion from Apache Kafka and writing results to Amazon S3 and Apache Pinot for fast querying.
- **Big Data Processing (Iceberg, Spark):** Created Spark applications to process and transform large datasets for efficient storage in open table formats. Improved performance and scalability for downstream analytics.

TECHNICAL SKILLS

Languages: Python, SQL, Java

Technologies: AWS, Snowflake, Apache Pinot, Apache Flink, PySpark, Apache Airflow, ETL, Data Analytics, Looker, Apache Iceberg, Big Data, Data Warehousing, Data Modeling, Kubernetes (K8s),Git, Jira

PROJECTS

Spotify Data - Pyspark

- * : In this project, Data Source was from the official website, and pulled the data into an Amazon S3 Bucket, With the help of Pyspark and notebook, ingested and cleaned the data. Converting them into a parquet file format, After this, performed different transformation and filters to data for output the different business case problems.

EDUCATION

GMR Institute of Technology

Bachelor of Technology, Civil Engineering

Rajam, Andhra Pradesh

June. 2017 – August 2021

CERTIFICATIONS

- * Nano degree in Data Engineering - Udacity
- * Python For Everyone - Coursera