Mohammed Adil Taj
Senior Data Engineer

📱 (+91) 8748098530

✉ adiltaj5597@gamil.com

in https://www.linkedin.com/in/mohammed-adil-taj

📍 Blue building, in front of Taj Residency, near Jayalaxmi parking, Udyavara, Udupi (India) -574118

ABOUT ME

Data Engineer with 4+ years of experience in building and maintaining data pipelines. Proven ability to design, develop, and deploy scalable and reliable data solutions using Python, Airflow, Kafka, GCP, AWS, Docker, Kubernetes, Ansible, Fivetran, DBT, and SQL.

EDUCATION

Manipal Institute of Technology, Manipal.
MCA (Master of Computer Applications)
2017/2019 - CGPA(9.19)

M.G.M. College, Udupi
BCA (Bachelor of Computer Applications)
2014/2017 - Percentage(85.04)

TECHNICAL SKILL

Databases : PostgreSQL, MySQL, MSSQL, Snowflake, MongoDB[Basics].

Operating systems : Windows 7 and 10, Ubuntu.

Languages : SQL, PL/SQL, UNIX Shell Scripting, Python, CCL.

Tools/interfaces : PySpark, Airflow, Kafka, Docker, Kubernetes, GCP[BigQuery, GCS, Cloud Function, Cloud Composer, Cloud Build], Snowpark, DBT, CERNER MILLENNIUM APPLICATIONS, Power BI, Superset, Fivetran.

Job functions : Analysis, Design, Coding, Interface building, Testing and Documentation.

WORK EXPERIENCE

Saturam Infosystems | Senior Data Engineer
2022-Current

- Develop ETL pipelines using Apache Airflow for data transfer from multiple sources to Google Cloud Storage and BigQuery, including bulk and incremental loads with UPSERT operations.
- Create a user-friendly UI for source data configuration and ingestion into data warehouses, streamlining analytics.
- Build real-time data pipelines for data quality monitoring and real-time KPI generation.
- Utilize a diverse tech stack, including Python, SQL databases, Docker, Kubernetes, Flask, GCP[BigQuery, GCS, Cloud Function, Cloud Composer, Cloud Build], DBT and BitBucket for version control.
- Design, plan, and implement tailored data solutions to meet customer needs.
- Stay current with emerging technologies for continuous improvement and innovation.

Cerner Corporation | Data Migration Engineer
2019-2022

- Configure, maintain, and debug systems and database code efficiently.
- Develop data scripts for matching and cleansing based on business rules.
- Translate Data Migration Strategy into effective extract and transform approaches.
- Manage reconciliation for dry runs and production data loads, obtaining signoff from Process Owners.
- Execute ETL processes, applying performance tuning techniques for efficient data transfers.
- Create data migration plans, assess risks, track milestones, and provide post-migration reports.
- Implement Python scripting for automation where applicable.
- Design impactful Dashboards and reports in Power BI for data-driven insights

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THANK YOU