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# MOHAMMED ADIL TAJ

Address: Blue building, in front of Taj Residency,  
Near Jayalaxmi parking, Udyavara, Udupi, India-574118

## Professional Profile:

Data Engineer with 3+ years of experience currently working with Saturam Infotech with a history of driving excellence in the information technology and service industry. I am excited to continue strengthening my career and increasing my skill set by bringing excellence in the projects.

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## Work Experience:

**Organization :** Saturam InfoTech

**Period :** May 2022 to till date

**Tech used :** Python, PySpark, Airflow, DBT, Docker, Kubernetes, PostgreSQL, MySQL, GCP, Flask, SnowFLake, Snowpark

**Team Size :** 04

**Role :** Big Data Engineer

### Responsibilities:

- Using Airflow build ETL solutions to transfer data from various sources like Postgres, MySQL, MSSQL etc. to GCS and BigQuery in bulk and incremental loads which also includes UPSERT.
- Create UI for configuring and ingesting data from various sources to data warehouses for analytics.
- Develop real-time data pipelines to provide insights for data quality and to build real-time KPIs.
- Migrating PySpark code to Snowflake and Snowpark which helps the existing Data Modeling tool to be used for sensitive data analysis.
- Utilize tools and languages like Python, Airflow, Kafka, PostgreSQL, MySQL, Docker, Kubernetes, Flask, GCP, BitBucket and data visualization tools based on the client requirements to build and maintain pipelines.
- Design, plan and implement data solutions best suited to deliver on our customer needs.
- Continually explored new technologies in an effort to always grow and uncover better ways to solve problems.

**Organization :** Cerner Health Care Pvt Ltd

**Period :** Sep 2019 to May 2022

**Tools :** Power chart, Pathnet, Discern Visual Developer, Github, Millenium Applications, Power BI, Power Automate

**Team Size :** 08

**Role :** Data Migration Engineer

### Responsibilities:

- Proficient in creating, maintaining, and debugging system configurations and database code.
- Develop scripts using business rules for data matching, cleansing.
- Responsible for taking the requirements from the Data Migration Strategy and designing an extract and transform approach in line with the plan.
- Responsible for managing the reconciliation of the dry runs and production data load including signoff with the Process Owners.
- ETL data from source to destination while implementing performance tuning techniques
- Prepares data migration plans including identifying migration risk, milestones, quality, and after-action reports.
- Working on python scripting for some minor automation, that requires more human time.
- Creating Dashboard and reports using Power BI which helps in getting meaningful insights from the data.

## Educational Qualification:

MCA (Master of Computer Applications), from Manipal Institute of Technology, Manipal. (CGPA: 9.19)

BCA (Bachelor of Computer Applications), from M.G.M. College, Udupi. (Percentage: 85.04)

Pre University Course(12th), Poornaprajna PU College, Udupi. (Percentage: 90)

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## Technical Skills:

**Databases :** PostgreSQL, MySQL, MSSQL, Snowflake.

**Operating systems :** Windows 7 and 10, Ubuntu.

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

**Tools/interfaces :** PySpark, Airflow, Docker, Kubernetes, GCP, Snowpark, DBT, CERNER MILLENNIUM APPLICATIONS, SSMS, pgAdmin, Power BI, MS Power Automate

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

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Declaration:

I hereby declare that all the above information furnished is true to the best of my knowledge.

MOHAMMED ADIL TAJ