**JYOTHI PRAKASH**

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**PROFESSIONAL SUMMARY**

**I have 2.6 years of work experience working in the field of IT and am looking forward to an exciting and challenging career with an organization that provides an excellent working environment and opportunities.**

* Having a better understanding of Snowflake architecture and processing.
* Good exposure to implementing Snowflake stored procedures and automation functionalities such as streams and tasks.
* Hands-on experience in bulk loading and unloading data into Snowflake tables.
* Knowledge on implementing SnowPipe for continuous data ingestion.
* I extensively used SnowSQL for data loading and had sound knowledge of stages.
* Experience with the Snowflake cloud data warehouse and the AWS S3/AZURE bucket for integrating data from multiple source systems. Experience in building SnowPipe.
* I worked on the AWS data pipeline to configure data loads from S3 data.
* Writing advanced SQL scripts as per the business plan to transform the data.
* I used Time Travel and Fail Safe for data recovery. In-depth understanding of Snowflake multi-clusterware housing, multi-cluster size, and credit usage.
* Experience working with various data formats like XML, JSON, TSV, and TXT files.
* Performed major role in understanding the business requirements and designing and loading data into data warehouse (ETL).
* Developed mappings that perform Extraction, Transformation and Load of source data into target schema using various power center transformations like Source Qualifier, Aggregator, Filter, Router, Sequence Generator, Lookup, Joiner, Expression, Normalizer and Update strategy to meet business logic in the mappings.
* Worked on DBT to extract, transform, and load data into Snowflake from various data sources.
* Understanding on Monitor and troubleshoot DBT pipelines, addressing performance issues and data anomalies.
* Experience with Designing data, YAML models, snapshots, watermarks, dimension tables, fact tables, and views using DBT
* Experience on Airflow DAGs

**SKILLS**

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| --- | --- |
| * Snowflake Cloud | * AWS S3 |
| * SQL | * AWS IAM |
| * DBT | * Airflow |
| * Informatica – IICS * Data Warehousing * GIT * Jira | * Python * ServiceNow * VS Code |

**WORK EXPERIENCE**

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| --- | --- |
| **DATA ENGINEER | ACCENTURE, Bengaluru** | **(07/2022) – Present** |

**Project1 | EDW Migration -On Prem to Snowflake Data Cloud**

**Responsibilities:**

* Implemented Snow-Pipe for continuous data loads Stage and file upload to Snowflake database using copy command.
* Experience in querying data in staging files before data ingestion using external tables, loading structured and semi-structured data.
* Experience in setting up resource monitors and multi cluster virtual warehouse in Snowflake.
* Uploaded CSV files from local instance to AWS S3 bucket and loaded it into Snowflake.
* Responsible for designing, development and maintenance of snowflake database objects such as tables, views, stored procedures and SQL scripts.
* Created internal, external stage and transformed data during load.
* Cloned production data for code modifications and testing and used time travel to recover the data.
* Handled large and complex sets of XML, JSON and CSV from various sources and databases.
* Extract, transform, and load data from data sources into Snowflake using DBT.
* Developed and maintained DBT models, including incremental and full load models, macros, and conducted testing using SQL.
* Designed data models including YAML models, snapshots, watermarks, dimension tables, fact tables, and views using data build tools.
* Worked on Airflow DAGs

**Project2 | DI Finance-NRS, SaaS, Brand protection, HMP, CDC, Snowflake Cloud Migration**

**Responsibilities:**

* Created database objects in the Snowflake and exported all the SQL Server data to a CSV File using the SQL Server Management Studio export wizard.
* Uploaded CSV files from local instance to AWS S3 Bucket and loaded it into Snowflake.
* Converted SQL Server Stored procedures and views to work with Snowflake.
* Responsible for designing, development and maintenance of Snowflake database objects such as tables, views, stored procedures, and SQL scripts.
* Handled large and complex sets of JSON and CSV from various sources and databases.
* Implemented Snow-Pipe for continuous data loads, Stage and file upload to Snowflake database using copy command.
* Experience in querying data in staging files before data ingestion using external tables, loading structured and semi-structured data.
* Created internal, external stage and transformed data during load.
* Design, develop and maintain Snowflake database objects (tables, views, stored procedures, etc.) and SQL scripts
* Developed Informatica Mappings and Reusable Transformations to facilitate timely Loading of Data of a star/Snowflake schema
* Developed the Informatica Mappings by usage of Aggregator, SQL overrides usage in Look-ups, source filter usage in Source qualifiers, and data flow management into multiple targets using Router.
* Created Sessions and extracted data from various sources, transformed data according to the requirement and loading into data warehouse.

**EDUCATIONAL QUALIFICATIONS**

* **Jawaharlal Nehru Technological University, Kakinada** | Vizianagaram

BTechin Mechanical Engineering **(2022)**

**CERTIFICATIONS**

* **SQL (Inermediate) Certificate** – HackerRank
* **SQL (Advanced) Certificate** – HackerRank