DINESH M

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SUMMARY

Snowflake Developer with 2.9 years of experience in ETL and Snowflake migration projects, proficient in Python. Expertise in developing automations using Python.

WORK EXPERIENCE

Cognizant Technology Solutions – Programmer Analyst   Chennai, India Aug 2023 – Present

- Developed an automation framework to migrate historical data from Teradata to snowflake, which will have a config table, where the job is configured and runs in parallel.
- Developed a data ingestion accelerator which will ingest data from any cloud storage (S3, Azure Blob, GCS) to snowflake using Snowpark.
- Developed an automation using Python to extract table dependencies, defining the job development sequence for those tables, and specifying the priority of the jobs to be developed for those tables.
- Created a wrapper script that triggers the Matillion jobs through an API call and saves the log for that run. It is based on Python and shell scripts.
- Developed a Python-based automated SQL generator that creates Snowflake SQL queries for test scenarios.
- Exporting Matillion jobs using Python, which makes an API call with a GET request to export Matillion job details and stores them in JSON files, these JSON are used to import those Matillion jobs to higher environments.
- Designed and implemented the Matillion pipeline for migrating data from source systems to Snowflake landing tables.
- Worked on the development of Matillion ETL workflows with transformations from landing tables to stage tables.
- Extracting the mapping relationship between Matillion workflow and mapping for the jobs in Matillion using Python.
- Worked on defect and bug fixes during critical periods and delivered within short time frames for the current production issues.
- Shown leadership abilities by managing a small team for incremental data migration and coordinating with team members to complete IDM jobs.

Cognizant Technology Solutions – Programmer Analyst Trainee   Chennai, India Aug 2022 – Aug 2023

- Developed an automated migration process for tables with columns containing LOB data types (CLOB, BLOB, BYTE, and VARBYTE) that are used to store a lot of data, including text documents, JSON, XML, and so forth. Data will be extracted from the Teradata table and stored in a Python dataframe and loads it into a Snowflake table.
- Created a Python script for extracting objects (tables and views) from SQL and BTEQ scripts, which reduced the manual effort of searching the objects in each script. Input the path of the SQL/BTEQ scripts, the output will be the lineage objects used in those scripts and export the list of objects.
- Worked on the developed of ETL scripts for migrating data from Teradata to Snowflake.
- Developed an automation to extract underlying objects from Teradata/Snowflake views, eliminating the need for manual querying and finding lineage tables. The automation is based on Python, which takes a

list of TD or SF views as input, connects to the respective data warehouse, and exports the lineage objects.
- Provided handover knowledge transfer to onsite/offshore and internal team members.
- Proven ability to develop and implement automations for complex tasks to reduce manual effort and time.

ACHIEVEMENTS

- Cognizant Cheers Award – Sapphire Award for complex nebula CSR Teradata system migration.
- Have been recognized for providing high productivity and advancement in automation tasks.
- Outstanding customer feedback regarding the automations that were delivered.

SKILLS

Technical Skills: Python, Snowflake, Teradata, Matillion, SQL, Databricks, Azure, Shell Script.
Soft Skills   : Analytical thinking, Problem Solving, Decision Making, Quick and Self Learning.
Languages   : English, Telugu, Tamil.

EDUCATION

Sri Sairam Engineering College, Chennai.   Chennai, India July 2018 – May 2022
B. Tech - Information Technology.

CERTIFICATIONS

SnowPro Core Certification (COF-C02)
Score   : 918 out of 1000
Certificate ID : S60464-240617-COF