**Reddy Devendra**

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**PROFESSIONAL SKILLS:**

* Having 5 Years of professional IT experience in this area of PLSQL programmer and snowflake cloud data warehouse developer.
* Having 2.5 years of experience in working with Snowflake cloud data warehouse, administration and AWS S3.
* Experience in working different areas of RDBMS, Data loading through SQL loader.
* Experience with Snowflake Data warehouse, deep understanding of Snowflake architecture and processing.
* Experience with performance tuning of Snowflake data warehouse with Query Profiler, Caching and Virtual data warehouse scale out, scale up, scale down in multi cluster warehouse.
* Experience in working TASKS, STREAMS and snowflake procedures, functions.
* Created Clone objects to maintain zero copies in Snowflake.
* Worked on TASK creation for scheduling/Automate Snowflake jobs.
* Handling large and complex data sets like JSON, ORC, PARQUET, CSV files from various sources like AWS S3.
* Hands-on experience in bulk [loading](https://docs.snowflake.net/manuals/user-guide/data-load.html) and [unloading](https://docs.snowflake.net/manuals/user-guide/data-unload.html) data into Snowflake tables.
* Experience in writing complex SQL scripts using Statistical Aggregate functions and Analytical functions to support ETL in snowflake cloud data warehouse.
* Used COPY/INSERT, PUT, and GET commands for loading data into Snowflake tables from internal and external stages.
* Proficient in understanding business processes/requirements and translating into technical requirements.
* Extensively worked in ETL process consisting of data transformation, data sourcing, mapping, conversion along with data modelling.
* Knowledge on Python scripting.
* Advanced SQL skills including complex Joins, snowflake stored procedures, clone, views, Materialized views etc.
* Implementing SCD Techniques like slowly changing dimensions (type1, type2 and type3).
* Have done source system Analysis, mapping analyses, and end to end Data lineage analyses.
* Ability to work independently and as a team with a sense of responsibility, dedication, commitment and with an urge of learning new technologies.
* Good exposure in Snowflake Cloud Architecture and SnowSQL and SNOWPIPE for continuous data ingestion.
* Designed and developed PL/SQL functions / stored procedures /cursors / packages / triggers.
* Understanding customer requirements, analysis, design, development and implementation into the system, gather and define business requirements and enhancing business processes.
* Good Exposure on Data Warehouse concepts.
* Proven logical and analytical abilities to see both the business and technical sides of a problem.

**PROFESSIONAL EXPERIENCE:**

* Working as software engineer at Mindtree from June 2018 to 15th April 2022.
* Working as a data engineer at Apexon from OCT 2022 to Nov 2023

#### TECHNICAL SKILLS:

* Database : MySQL, PLSQL
* Cloud Data warehouse : Snowflake
* ETL Tool : AWS Glue, SSIS, DBT.
* Languages : Python, S
* Cloud Solutions Architect : Amazon S3 Bucket, AWS Emr and Glue.
* Operating System : Windows, LINUX

#### EDUCATIONAL QUALIFICATIONS:

* Bachelor of Technology (**B. Tech**) in **EEE** from **JNTU** in the year of 2015.

##### PROJECTS:

**Role:** Sr. Data Engineer

**Environment:** Snowflake, Python, Power BI, AWS GLUE, AWS DMS, AWS S3, AWS REDSHIFT and AWS IAM

**Company Description:** Dell is a global technology leader offering a wide range of products and services across consumer, education, enterprise, and government sectors. Founded in 1984 by Michael Dell, it quickly grew to become a significant player in the personal computer market. Dell is renowned for its personal computers, servers, data storage devices, and a variety of computer-related products, holding a strong market position worldwide. The company is headquartered in Round Rock, Texas​​​​.

**Project Description:** This project at Dell involves developing and managing a comprehensive data analytics platform. The goal is to harness the power of Dell's vast data resources to drive business insights, improve decision-making, and support various internal and external data requirements.

**Roles & Responsibilities:**

* **Data Analysis and Reporting:**
  + Responsible for analyzing large datasets using SQL Server and Python to derive actionable insights.
  + Developing and maintaining dashboards and reports in Power BI for real-time data visualization and business intelligence.
* **Data Integration and Management:**
  + Managing data integration from SQL SERVER into a centralized SNOWFLAKE
  + Ensuring data quality, integrity, and consistency across various platforms and systems.
* **Cloud Data Solutions:**
  + Utilizing AWS DMS to being historical data into aws s3
  + Using AWS glue for metadata catalogue and running ETL jobs
  + Aws s3 as a centralize data storage
  + Used AWS EKS for deployment
* **Team Collaboration and Leadership:**
  + Collaborating with cross-functional teams to understand data needs and deliver comprehensive solutions.
  + Leading a team of junior data analysts and guiding them in data processing and analysis tasks.
* **Innovative Solutions and Automation:**
  + Developing automated scripts in Python to streamline data collection and analysis processes.
  + Exploring new technologies and methodologies to enhance data analytics capabilities at Dell.

**Project #2 : Telstra**

**Role** : Snowflake Developer

**Environment** : Snowflake Cloud Data Warehouse, Python, SQL, PLSQL, LNUX

**Description:**

Telstra Corporation Limitedis an Australian telecommunications company which builds and operates telecommunications networks and markets voice, mobile, internet access, pay television and other products and services. It is a member of the S&P/ASX 20 and Australia's largest telecommunications company by market share. Telstra is the largest wireless carrier in Australia, with 18.8 million subscribers. Telstra has transitioned from a state-owned enterprise to a fully privatized company and has recently focused on diversified products and emerging technologies.

**Roles & Responsibilities:**

* Responsible for all activities related to the development, implementation, administration and support of ETL processes for large scale Snowflake cloud data warehouse.
* Bulk loading from external stage (AWS S3)
* External stage (snowflake) using COPY command.
* Loading data into Snowflake tables from internal stage and on local machine.
* Used COPY, LIST, PUT and GET commands for validating internal and external stage files.
* Used import and export from internal stage (Snowflake) vs external stage (S3 Bucket).
* Writing complex Snowsql scripts in Snowflake cloud data warehouse to Business Analysis and reporting.
* Responsible for task distribution among the team.
* Perform troubleshooting analysis and resolution of critical issues.
* Involved in data analysis and handling ad-hoc requests by interacting with business analysts, clients and resolve the issues as part of production support.
* Used performance technics like clustering key, autoscaling for faster way of loading, increase query execution.
* Performed data validations for source and target using load history and copy history.
* Involved in data analysis and handling ad-hoc requests by interacting with business analysts, clients and resolve the issues as part of production support.
* Developed snowflake queries using various joins like self, left, right and full outer joins.
* Created views and materialized views and snowflake procedures.
* Worked on assigning roles to various users like development, testing etc..
* Worked on data sharing as a provider to consumers.

**Project #1 : Cardinal Health**

**Role** : SQL Developer

**Environment** : SQL, PLSQL, LINUX

**Description:**

Cardinal Health, Inc. is an American multinational health care services company, and the 14th highest revenue generating company in the United States. Its headquarters are based in Dublin, Ohio and Dublin, Ireland (EMEA). The company specializes in the distribution of pharmaceuticals and medical products, serving more than 100,000 locations. The company also manufactures medical and surgical products, including gloves, surgical apparel, and fluid management products. In addition, it operates the largest network of radio pharmacies in the U.S. Cardinal Health provides medical products to over 75 percent of hospitals in the United States.

Founded in 1971 as Cardinal Foods by Robert D. Walter, the company was initially a food wholesaler. After acquiring the Bailey Drug Company in 1979, it began wholesaling drugs as Cardinal Distribution, Incorporated

**Roles & Responsibilities:**

* Have done source system Analysis, mapping analyses, and end to end Data lineage analysis.
* Have done data profiling and data quality checks.
* Supporting for data model review and identify gaps if any to enhance data model.
* Worked on .Bat files for executing SQL files.
* Worked on import and export to load the dump files to the schemas.
* Create and maintain complex PL/SQL programs like Packages, Functions, Procedures, and Triggers.
* Gathering requirements and provide estimation to the onshore team.
* Wrote dynamic SQL queries to create database objects dynamically.
* Tuning the PLSQL Procedures, SQL Queries and implementing the new available techniques of Oracle DB.