KAPPA SHANMUKHI

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Snowflake Developer

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I would like to Seeking a motivating and challenging position as a **snowflake developer** in a growing environment.

WORKING EXPERIENCE

Working as a Software Engineer in **Publicis Sapient, Bangalore** from Jul 2018 to till date.

PROFILE SUMMARY

- Around 4 Years of professional IT experience in this area of snowflake cloud data warehouse and snowflake developer.
- Having 2 years of Professional Experience in working with Snowflake cloud, AWS S3.
- Experience in working with AWS S3 and Snowflake.
- Hands-on experience in bulk loading and unloading data into Snowflake tables using COPY command.
- Used COPY/INSERT, PUT, GET commands for loading data into Snowflake tables from internal/external stage.
- Handling large and complex datasets like JSON, ORC, PARQUET, CSV files from varioussources like AWS S3, MS Azure.
- Hands-on experience in creating models and creating view in DBT Cloud.
- Experience in creating a connection between Five-Tran and Snowflake.
- Experience in writing complex SQL scripts using Statistical Aggregate functions and Analytical functions.
- 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 scaling.
- Good knowledge of Database management system implementation with SQL.
- Well-acquainted in working with complex SQL queries with Joins, Functions, Sub-queries,Views and Set operators.
- Created Clone concepts to maintain zero copies in Snowflake.
- Good communication skills, problem solving skills and ability to analyze quickly and come-upwith an efficient industry standard solution for a given problem.
- Experience in working with AWS S3 and Snowflake cloud data warehouse.
- Worked on TASK creation for scheduling/Automate Snowflake jobs.
- Proficient in understanding business processes/requirements and translating into technical requirements.
- Advanced SQL skills including complex Joins, snowflake stored procedures, views etc.
- 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 Snow SQL and SNOWPIPE for continuousdata loading.
- Understanding customer requirements, analysis, design, development and implementation intothe system, gather and define business requirements and enhancing business processes.

KEY SKILLS **:-** Snowflake Developer, Snowflake admin, Snowflake Data Engineer, Snowflake Support, Snowflake Cloud Data Warehouse, Snowflake DB, SQL, ETL.

Cloud	Snowflake Cloud Data Warehouse, AWS, IICS
BI Tool	MS Power BI, Tableau
ETL Tools	Informatica Power Centre 10x/9x/8x
Databases	Oracle 11g/10g/9i/8i
Application	SQL Developer, Toad, Tidal, Putty
Programming Languages	SQL, Java Script, C.
Operating Systems	Windows

PROJECT DETAILS:

Project1:

Customer: Barclay's plc   Duration: Jun 2020 to Till Date

Work experience: Snowflake Cloud Data Warehouse Developer

Tools & Environment – Snowflake Cloud Data Warehouse Developer, Informatica, Oracle11g, AWS S3, Linux, Data warehouse.

Project Description:

Barclay's plc is a British multinational universal bank, headquartered in London, England. Barclays operates as two divisions, Barclays UK and Barclays International, supported by aservice company, Barclays Execution Services. Barclays traces its origins to the goldsmith banking business established in the City of London in1690.James Barclay became a partner in the business in 1736. In 1896, several banks in London and the English provinces, including Goslings Bank, Backhouse's Bank and Gurney's Bank, united as a joint-stock bank under the name Barclays and Co. Over the following decades, Barclays expanded to become a nationwide bank. In 1967, Barclays deployed the world's first cash dispenser. Barclays has made numerous corporate acquisitions, including of London, Provincial and South Western Bank in 1918, British Linen Bank in 1919, Mercantile Credit in 1975, the Woolwich in 2000 and the North American operations of Lehman Brothers in 2008.

Roles and Responsibilities:

➢ Created various stages like internal/external stages to load data from various sources like S3 and on premise systems.

➢ 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 (AWSS3) to internal 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 Snowflake SQL scripts in Snowflake cloud data warehouse to BusinessAnalysis and reporting.

➢ Good exposure on snow pipe configuration for continuous data ingestion.

➢ Perform troubleshooting analysis and resolution of critical issues.

➢ Involved in Performance tuning of sessions, mappings, PL/SQL procedures

➢ Involved in data analysis and handling ad-hoc requests by interacting with business analysts, clients and resolve the issues as part of production support.

<u>**Project 2:**</u>

Duration: Aug 2018 to June 2020

Customer: State Street Corporation
Work experience: SQL Developer

State Street Corporation is an American financial services and bank holding company headquartered at One Lincoln Street in Boston with operations worldwide. It is the second-oldest continually operating United States bank; its predecessor, Union Bank, wasfounded in 1792. State Street is ranked 15th on the list of largest banks in the United States by assets. It is one of the largest asset management companies in the world with US$2.511 trillion under management and US$31.62 trillion under custody and administration. It is the second largest custodian bank in the world.

Roles and Responsibilities:
- ➢ Analyzing the areas of service improvements and implement fix for the same.
- ➢ Developed SQL queries based on customer requirement using various joins.
- ➢ Performing all SDLC phases to complete ETL development work (Requirement Gathering, Analysis, Design, Unit Testing, Deployment).
- ➢ Created views, Mviews, indexes, hints.
- ➢ Executing the automated scripts and updating the logs. Involved in execution of the scripts with respect to functionality.
- ➢ Committed developed script using Git repository.
- ➢ Issues reporting/clarifications, raising bugs if product issues.
- ➢ Attending daily stand-up meeting and give updates.
- ➢ Involved in daily run for Regression.
- ➢ Team Management in knowledge transfer as well as mentoring activities.
- ➢ Providing weekly & monthly report on project activities and performance.
- ➢ Preparing solution approach documents, Design documents and Requirement Traceability Matrix for new SOWs and share them with customer and other teams
- ➢ Working on effort estimation of change requests.
- ➢ Performing data analysis and resolution of issues as part of production support.

EDUCATIONAL QUALIFICATIONS

- ❖ M. Tech in Machine Design from MVGR College of Engineering (A) in the year 2018 with 83%.
- ❖ B. Tech in Mechanical Engineering from Swami Vivekananda Engineering College in the year 2016 with 66%.
- ❖ Diploma in Mechanical Engineering from Thandra Paparaya Polytechnic College in the year of 2011 with 70%.

PAPER PUBLICATIONS
1. Design and Analysis on structure of a solar tree, Published in Springer's Conference Proceedings of ICLIET-2018, Book Volume titled "Recent Advances in Material Sciences, Conducted by Lendi Institute of Engineering and Technology.
2. Design and Analysis of car hood made with natural fiber, Published in Springer's Conference Proceedings of ICLIET-2018, Book Volume titled "Recent Advances in Material Sciences, Conducted by Lendi Institute of Engineering and Technology.
3. Analysis of Circumferential Fins by Varying FIN Geometry and Material" published in "International Journal on Recent Technologies in Mechanical and Electrical Engineering" volume 6, issue 3, 2019