**SAI MANISH MYANA**

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 **DBT/Snowflake/Matillion/Data Engineer**

**Professional Summary**

* Over 8+ years of IT experience with proven expertise providing analysis, design, development, and Implementation for client server and Data warehousing projects.
* Proficient in snowflake Cloud DB, a highly scalable and easy-to-use cloud data platform.
* Expertise in Snowflake Cloud DB, Matillion, Cloud Computing ELT tools.
* Experienced loading data using Snowflake Cloud DB and Cloud computing ELT/ETL tools like Matillion, Snap logic.
* Well versed in writing PL/SQL code both in oracle and Snowflake
* Worked on multiple procedure PL/SQL in Snowflake both SQL and JavaScript.
* My area of expertise are expertise in System Analysis, design, development with proficiency in ETL (Extract, Transform, Load) utilizing DataStage, Matillion and DBT (Data Build Tool).
* Expertise with IBM Info Sphere DataStage 11.3/9.1/8.7/8.5/8.1/7.5.
* Expertise with Matillion ELT Tool 1.7x, 1.46 and 1.5 versions
* Expertise with DBT Data build tool transformation logics
* Completed **IBM Infosphere Information Server Technical Professional v1 certification** and I got my certificate from IBM only
* Copied data from AWS S3 bucket in DataStage and Matillion.
* Worked on AWS lambda functions to trigger Matillion jobs once we get the files.
* Strong understanding of snowflake’s multi-cluster shared data architecture for efficient query processing.
* Strong communication and collaboration skills, with experience working in cross-functional teams to deliver data solutions using Snowflake cloud DB
* Experience in creating and maintaining databases and their objects.
* Extensive knowledge in SQL Server 2016 Developer Skills including writing user defined functions, views, query writing.
* Good Knowledge in UNIX Scripting and Python coding.
* Python Coding used for Snowflake connection and insert or select the data from Audit tables
* Python code use to do API request and take authentication code using request package
* Assisted in the development and deployment of DBT models for transforming large datasets into consumable forms for reporting purposes.
* Worked on Admin related Incidents in Snowflake
* In depth understanding of Snowflake Multi-cluster Size and credit usage.
* Creating a Orchestration and Lineage through DBT (Data build tool) to snowflake.
* Experience with snowflake Virtual Warehouse, Maximum and Multi cluster Warehouse.
* Experience with DBT, including data transformation, testing, and deployment.
* Depth knowledge of Snowflake Database Schema and Table structures.
* Experience in writing Unix Shell Scripts wherever necessary while developing ETL jobs.
* Expertise in writing complex Stored Procedures, Indexed Views and Triggers for data Consistency and manipulation.
* Experience in creating Indexes, Views, complex Triggers, effective Functions, and appropriate Stored Procedures to facilitate efficient data manipulation and data consistency.
* Great Expertise in creating and managing Event Handlers, Package Configurations, Logging, System and User-defined Variables for SSIS Packages.
* Proven track record in troubleshooting of DataStage jobs and addressing issues like performance tuning and enhancement.
* Expertise in extracting data from various data sources/applications. And transforming (and cleansing) the data and identifying ways to integrate it and loading it into a data warehouse.
* Experience in creating Views, complex Stored Procedures, effective Triggers, and user defined functions to facilitate efficient Data Manipulation and consistent data storage.
* Use DataStage hierarchy stage to ETL, XML parsing.
* The main source of data is from Mainframe files and Teradata, Netezza
* Azure ADO board is used to track the stories and deployment CI/CD pipelines.
* Experience with Healthcare data, specifically 835/837, financial, and patient accounting data
* Experience in OLAP, created Cubes, Dimensions for schemas.
* Proficient in building Star schema and Snowflake schema depending on business Requirements.
* Expertise in Snowflake Cloud DB, Matillion Cloud Computing ELT tool.

**Experience:**

**Client: PacificLife/LA September 2023 - now**

SNOWFLAKE /MATILLION /DBT DATA ENGINEER

* Extensively worked on Snowflake Cloud DB, Snow SQL and Matillion Cloud ELT/ETL Cloud ETL Tool to load data.
* Experience creating Public, Private and Shared variables in respective to projects and loading the Files into Snowflake using Matillion Cloud ELT/ETL.
* Used Azure ADO pipeline for deploying the code into higher environment.
* Azure ADO board is used to track the stories and deployment CI/CD pipelines.
* Scheduled jobs on daily/weekly/monthly basis using Matillion job scheduler. Scheduled data loads from multiple sources into snowflakes using Matillion.
* Working on all looping Iterators while loading data and expertise in using Extract nested component to flatten data from Json using Matillion.
* Experienced on Snowflake Snowpipe, Streams, task and used many times Cloning Objects, Time traveling for debugging issues and knowledge on other features like Data Sharing, RBAC, Data Sharing, Data Cloning.
* Creating the models using the DBT tool and running the SQL based on the lineage.
* Build Data Build Tool (DBT) Models have been implemented to migrate DataStage code and load data into snowflake target tables.
* Designed and developed interactive dashboards and reports using Power BI, leveraging Snowflake as the primary data source for actionable insights.
* Collaborated with stakeholders to understand reporting requirements and translated them into dynamic BI solutions.
* Ensured data consistency and accuracy through robust ELT pipelines, integrating data into Power BI for real-time analysis.
* For Data Identification, we ensure data quality and integrity.
* Established data governance practices to maintain data lineage.
* Extensively used and updated the dbt\_project yml, source and target yml files based on requirements.
* Bringing in DBT to run different Snowflake SQL and creating the models to orchestrate using the DBT tool and run the SQL based on the lineage.
* Proficient in designing and implementing data models with snowflake, optimizing schema design, and table structures to support complex analytics and reporting requirements.
* Involved in creating SQL queries, performing performance tuning and creating indexes, building scheduling jobs using Continuous Integration and deployment templates and providing implementation, support, performance management and monitoring support.
* Provide recommendations, technical guidance, assistance to improve performance, reliability, and reusability of code and the Snowflake storage and compute.
* Extensively worked on loading, unloading data in snowflake and designing tables, materialized views
* Experience with Snowflake Virtual Warehouses, Snow pipe and data sharing in snowflake.
* Reduced Snowflake space used by adding transient tables where appropriate and ensuring optimum clustering column definitions.
* Experienced in cloning tables for development, testing, troubleshooting and analytics purposes and creating various types of tables based on the nature of data to reduce storage space with critical data implemented with retention period.
* A matured shell scripting (Unix) to handle all types of automation and auto defect notifications.
* Scrum team and with energetic sprint planning.

**Environment:** Snowflake, DBT, DataStage, Unix scripting, SQL, Hadoop, Control M, Python, AWS, Git, Bit Buckets, Jira, ServiceNow, Azure ADO.

**Client: State Street, Austin July 2022- Aug 2023**

***Data Migration and Performance Optimization with Snowflake & Matillion ETL***

* Gather and build different File Conversion and Standardization requirements for ingesting data into Snowflake cloud warehouse.
* Dell-Boomi pipelines we have migrated to Matillion.
* Dell-Boomi is used to create the API wrapper for kafka data and this API are used in Matillion to pull the data from kafka.
* Skilled in creating Master packages in Matillion Cloud ELT/ETL using Orchestration Component for Circular and FK dependency table loads using Matillion Cloud ELT/ETL.
* Scheduled jobs on daily/weekly/monthly basis using Matillion job scheduler. Scheduled data loads from multiple sources into snowflakes using Matillion.
* Working on all looping Iterators while loading data and expertise in using Extract nested components to flatten data from Json using Matillion.
* Extensively worked on loading Files from AWS S3 to Snowflake DB using Matillion Cloud ELT/ETL Cloud ETL Tool.
* Streamlined BI development processes using CI/CD pipelines and integrated version control via GitHub/Bitbucket for Power BI and Snowflake projects.
* Automated deployments for Power BI reports using scripting and versioning tools, ensuring seamless delivery across environments.
* Extensively worked on Snowflake Cloud DB, Snow SQL and Matillion Cloud ELT/ETL Cloud ETL Tool to load data.
* Experience creating Public, Private and Shared variables in respective projects and loading the Files into Snowflake using Matillion Cloud ELT/ETL.
* Experienced in developing DBT (Data Build Tool) model for transformed raw data by using SQL models to automate workflows and robust data validation processes to improve data quality.
* Participated in data migration from Oracle and SQL Server to snowflake by writing equivalent data models in DBT.
* Creating the models to orchestrate using the DBT tool and run the SQL based on the lineage.
* Extensively used to update the dbt project and source yml files based on requirements.
* For Data Identification, we ensure data quality and integrity.
* Designed and developed jobs that extract data from the source databases using DB connectors.
* Build Data Build Tool (DBT) Models to implement the DataStage code migration to Snowflake and integrate with different Common Components and utilities to like Data Quality and enterprise framework.
* Provide recommendations, technical guidance, assistance to improve performance, reliability, and reusability of code and the Snowflake storage and compute.
* Ensured that operational and analytical data warehouses can support all business requirements for business reporting.
* Migrated to the On-Premises databases to Snowflake cloud data warehouse.
* Did all aggregations and Transformations using DataStage to load flat files to Oracle Database and then to Snowflake.
* I participated in all sprint ceremonies and presented whenever required.

**Environment:** Snowflake, DBT, DataStage, Unix, SQL, Shell Scripting, Matillion.

**Client: State Farm, IL Dec 2021 – May 2022**

***Snowflake/DBT/Matillion Consultant***

* Analysis and detailed documentation of all Data Sources, table layouts and history

Requirements/Availability.

* Gather and build different Standardization requirements for ingesting data into

 Snowflake cloud warehouse.

* Leveraged Snowpark with Python to build, optimize, and maintain data pipelines and applications on the Snowflake platform
* Scheduled jobs on daily/weekly/monthly basis using Matillion job scheduler. Scheduled data loads from multiple sources into snowflakes using Matillion.
* Working on all looping Iterators while loading data and expertise in using Extract nested components to flatten data from Json using Matillion.
* Build Data Build Tool (DBT) Models to implement the code migration to Snowflake
* Involved in creating SQL queries, performance tuning. Build scheduling jobs using Continuous Integration and deployment template.
* Implementation, Support, Performance Management and Monitoring Support
* Developed Talend jobs to extract, transform and load the data from source to data lake.
* Provide recommendations, technical guidance, assistance to improve performance, reliability, and

reusability of code and the Snowflake storage and compute.

* Ensured that operational and analytical data warehouses can support all business requirements for

business reporting.

**Environment:** Snowflake, DBT, DataStage, Unix, SQL, Shell Scripting, Matillion.

**Assurant Health March2016 – July 2021**

***ETL Developer***

* Coordinate with Business Analysts (BA) to gather business requirements, evaluate the scope of design and technical feasibility.
* Analyze complexity and technical impact of requirements to cope with the existing design and discuss with Business Analyst for further refinement of requirements.
* Created High Level and Detailed Level design. Conduct design reviews and design verification. Create a final work estimate.
* End-to-end implementation, maintenance, optimizations, and enhancement of the application.
* Involved in creating SQL queries, performance tuning and creation of indexes.
* Created Python scripts to generate user specific reports and send them over emails in a scheduled fashion.
* Extensively used materialized views for designing fact tables.
* Ensured that operational and analytical data warehouses can support all business requirements for business reporting.
* Developed Unix shell scripts and worked on Perl scripts for controlled execution of DataStage jobs
* Followed and used a secure data transfer process to meet the PCI compliance.
* Extensively designed jobs in TWS scheduler for execution of the jobs in sequence
* I participated in DataStage Design and Code reviews.
* Leading the team and ensuring delivery happens on time with the best quality and least defects. This is important in living up to the Quality standards of Optum.
* Used Import and Export in Web Infosphere Server Manager for importing and exporting jobs/projects.
* Verify production code, support first three executions of code in production, Transition of the code and Process to the Maintenance/Support team.
* Co-ordinate with various Business partners, Analytical teams, Stakeholders to provide status reporting.
* Implementation of data streaming feature with Snow Pipe, Storage Integrations
* Generated Surrogate Keys for composite attributes while loading the data into the data warehouse.
* Imported Metadata from the source database. Imported metadata definitions into the repository. Exported and imported DataStage components.
* Created snowflake stage, file formats, schema’s, sequences, views, and tables.
* Develop Snow SQL scripts to load the data from flat files to Snowflake tables.
* Performance Tuning and cost optimization by implementing dynamic warehouse selection based on data.
* Migration of application from on-premises data to the snowflake platform
* Strong Experience with snowflake architecture
* Experience Working with stages, pipes, CTE, Window Functions etc.

**Environment:** DataStage 11.3, Unix/Linux, DB2, TWS, ITG, SQL, Unix Shell, Airflow, Git, HDFS, Hive, OpenShift, Snowflake & Python.