Aloka Mandepudi

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SnowPro Core Certified Consultant

**Summary:**

* 5+ years of overall IT experience in Application Development with Creative problem solver with the ability to analyze challenges, applying strategic thinking and a results-oriented attitude.
* Worked on Informatica to Snowflake migration using AWS Cloud provider.
* Excellent experience in Warehouses, Roles, Schema, Databases, Resource Monitor and different types of Caching.
* Have created file formats, stages and pipes in the Snowflake database.
* Created a different Table in Snowflake development.
* Implemented Snowflake Data Pipeline to configure Auto-Ingestion from AWS S3 to Snowflake table.
* Provisioning Virtual Warehouse
* Excellent experience in using Snowflake features like Snowpipe, Streams, Tasks, Stages, Clustering, Query Profiling and understanding of Time Travel and Fail safe.
* Excellent experience in loading and unloading data using COPY, PUT, LIST, GET and REMOVE commands in SnowSQL.
* Excellent experience in integrating Snowflake with S3 (External stage) and extracting the files from S3 bucket and load into Internal stage.
* Have experience in creating Users, IAM roles & trusted policies on AWS as part of integration.
* Experience in loading XML/JSON data and transforming into tables to perform business insights.
* Excellent experience in Data sharing using secure share and consuming data from Data Marketplace.
* Managing the deliverables through Agile Methodologies. Participating in Sprints and Scrum meetings to achieve the deliverables.
* Quick learner with outstanding analytical and problem-solving skills.
* Meeting deadlines and working within allocated time.
* Involved in various training activities to enhance my knowledge and share the knowledge gained.

**Certifications:**

SnowPro Core Certified Consultant

Snowflake Hands On Essentials - Data Warehouse

Snowflake Hands On Essentials – Data Sharing

Snowflake Hands on Essentials – Data Applications

**Education:**

Bachelor’s Degree in computer science 2013

**Technical Skill Set:**

**Cloud Technologies:** Snowflake, AWS.

**Programming Languages:**  SQL, Python.

**Data Warehousing:** Snowflake, Redshift, Teradata.

**DBMS:**  Oracle, SQL Server, MySQL .

**Operating System:**  Windows, Linux.

**IDEs:**  Eclipse, IntelliJ .

**Professional Experience:**

**National General Insurance Fort Worth, TX July 2019 - Till Date**

**Snowflake Developer**

Responsibilities:

* Created tables and views on Snowflake as per the business needs.
* Data moved from SQL Server **→** AWS **→**Snowflake internal stage **→** Snowflake. With copy options.
* Created roles and access level privileges and taken care of Snowflake Admin Activity end to end.
* Worked on SnowSQL and Snowpipe.
* Created Snowpipe for continuous data load and Used COPY to bulk load the data.
* Created internal and external stages and transformed data during load.
* Used FLATTEN table function to produce lateral view of VARIANT, OBJECT and ARRAY column.
* Worked with both Maximized and Auto-scale functionality.
* Cloned Production data for code modifications and testing.
* Shared sample data using grant access to customers for UAT.
* Created data sharing out of Snowflake with consumers.
* Published reports and dashboards using Power BI.

Environment: Cloud.

**Geico, Chevy chase MD March 2018 - June 2019**

**Snowflake Developer**

Responsibilities:

* Evaluate Snowflake Design considerations for any change in the application.
* Build the Logical and Physical data model for Snowflake as per the changes required.
* Define roles, privileges required to access different database objects.
* Define virtual warehouse sizing for Snowflake for different types of workloads.
* Design and code required Database structures and components.
* Involved in Migrating Objects from Teradata to Snowflake.
* Created Snowpipe for continuous data load.
* Used COPY to bulk load the data.
* Created internal and external stages and transformed data during load.
* Used FLATTEN table function to produce lateral view of VARIANT column.
* Used Temporary and Transient tables on diff datasets.
* Cloned Production data for code modifications and testing.

**CDW Dallas TX Dec 2016 - Feb2018**

**Role: SQL Developer**

Responsibilities:

* Worked with business stakeholders, application developers, and production teams and across functional units to identify business needs and discuss solution options.
* According to the business requirements, Created ETL packages with different data sources (SQL Server, Flat Files, Excel source files, XML files) and then loaded the data into destination tables by performing different kinds of transformations using SSIS/DTS packages.
* Worked extensively on bad data using configuring the error output, Conditional split, derived column, fuzzy lookup transformation.
* Working on Production support issues along with the Maintenance team and resolving the challenges in the project.
* Working on ad hoc requests during the audits and providing the data as requested to functional teams.
* I have extensive experience working on production level issues.
* Used SSRS to create reports, customized Reports, on-demand reports, and involved in analyzing multi-dimensional reports in SSRS.
* Developing reports like tabular, graph, and matrix and deployed them on SharePoint server.
* Creating a design document for the ETL Solutions maintained for a handover to support teams.
* Fixing the issues that arise in the Production environment and maintaining the steps carried out.
* Worked with RDBMS objects such as tables, views, indexes, stored procedures, functions, and triggers in MS SQL Server Management Studio (SSMS) to make data transformation services (DTS) effective.
* Created views to facilitate easy and user interface implementation and triggers on them to facilitate consistent data entry into the database.