

DASARI MANISHA

Data Engineer

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Languages:

- ENGLISH
- TELUGU
- HINDI

Achievements and Awards:

- TCS – APPLE HALL OF FAME (UBUNTU AWARD) received on 02-Feb-2020.
- AWARDS for Excellence Category:
 1. **STAR OF THE MONTH** received on 01-Aug-2021.
 2. **ON THE SPOT** received on 01-Jan-2022.
- **Xcelerate Warrior** certificate received on 11-Jan-2023.

Objective

- Having 4 years of IT experience as Data Engineer where 3 years into Snowflake Cloud Data Warehouse and prior to that worked for 1 year in Linux ETL production support. Have practical exposure to design, development, testing and deployment phase of the project. Eager to learn and explore new technologies.

Experience

Project: GBI KEYSTONE PLATFORM

Period: June 2020 – Till date

Role: Snowflake Developer

Company: TCS

Project Overview:

- Working for an AMP domain, Apple client.
- Client has decided to move their analytical data from Oracle database to Snowflake Cloud after doing POC on the same.
- In Phase-I, we have replicated all 60 Oracle tables in Snowflake, so that Tableau team can build their reports over Snowflake data.
- We have used Nifi tool to build these data replication pipelines.
- In Phase-II we have made an agreement with my source team to transfer the files to AWS S3 buckets instead of Linux servers which was the source for Oracle.
- And then we have created External stages to extract the files from S3 buckets and loading into Snowflake staging area.
- We have created common stored procedures to load the incremental data from Staging database to Target database.
- We have created materialized views for continuous data availability to customers.

Education:

- Bachelor of Technology from SRIT(ATP) with 78% (2015 -2019).
- Intermediate from Narayana Junior College (ATP) with 96% (2013 - 2015).
- SSC from Raman English Medium High School (ATP) with 92% (2012 – 2013).

Professional Experience:

- Working as Data Engineer in TCS Since May 2020 and prior worked one year in Linux support.

Responsibilities:

- Attending regular meetings with end users to understand requirements.
- Attending client meetings to discuss on work progress.
- Experienced in Creating internal and external stages to load the data to snowflake.
- Handled structured and semi structured data loads to snowflake.
- Used snow pipes to do continuous data ingestion from AWS.
- Using time travel, data sharing and data cloning features when required.
- Created streams to implement change data captures.
- Scheduling the jobs through Airflow and monitoring the workflows.
- Looking into all possible cost optimization options in snowflake.
- Created views and materialized views based on requirements.
- Good knowledge on Data warehousing concepts.
- Hands on experience in writing SQL queries.
- In depth understanding of snowflake Micro Partitioning and Clustering.
- Very good knowledge on Role based access control in Snowflake.
- Basic idea writing stored procedures and UDFs.
- Good knowledge on version controlling tools like GitHub.
- Good knowledge in Code deployment and Production support activities.
- Good Analytical and Communication Skills and Problem-Solving Skills.
- Willingness to learn new concepts and implement them.

Project -2:

Project: LINUX ETL PRODUCTION SUPPORT

Period: May 2019 – May 2020

Role: Support Engineer

Company: TCS

Project Overview:

- Managed around 1500+ Linux servers maintenance activities which include server heartbeat Performance, FSU & filesystem issues, infra components and mandatory app services are up and running, Application job failures due to server level issues.

Responsibilities:

- Setup new servers for ETL and semantic Applications which include Folder Creations, Deployments, Password less SFTP and all standard installations.
- Worked on Network related ACLS, Kube and AWS ACLS for different Applications.

Additional Information:

- **Fathers Name:** DASARI RAMANJANEYULU
- **Address:** 13-2-932, Sreenivas Nagar, Anantapur.
- **Date of Birth:** 02-08-1998
Nationality: Indian

- Up-gradation and regular maintenance of standard tools and utilities like TTU, Python packages, Oracle.
- Experience in Ansible and patched the servers with latest version through ad hoc playbooks.
- Attending regular meetings with end users to understand requirements.
- Attending daily client meetings to discuss on work progress.

Technical Skills:

Clouds	Snowflake, AWS(S3)
Programming Language	SQL, Python
Database	Oracle
Version Controlling	GitHub
Operating systems	Linux
ETL	Airflow, NIFI