Pavan Gajjala
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                                                                    SnowflakeDataEngineer

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PROFESSIONALSUMMARY:

- AProfessionalwitharound 6 +yearsofexperienceintheITindustrywithandaround4yearsof relevant experience in Snowflake Cloud Data warehouse.
- HavingbetterunderstandingofSnowflakearchitectureandprocessing.
- GoodexposureonimplementingSnowflakestoredproceduresandautomationfunctionalities such as Streams and Tasks.
- Hands-onexperienceinbulkloadingandunloadingdataintoSnowflaketables.
- Createdinternal,externalstagesandtransformeddataduringload.
- KnowledgeonimplementingSnowpipeforcontinuousdataingestion.
- Extensivelyused SnowSQLfordataloadandhavingsound knowledgeinStages.
- Experiencewithsnowflakeclouddatawarehouseand AWSS3bucketforintegratingdatafrom multiple source system.
- ExperienceinbuildingSnow pipe.
- MonitorandOptimizeQueryPerformance.
- WorkedonAWSdatapipelinetoconfiguredataloadsfromS3data.
- CreatedCloneconceptsto maintainzerocopiesinSnowflake.
- WorkedonTASKcreationforscheduling/AutomateSnowflakejobs.
- WritingadvancedSQLscriptsasperthebusinessplantotransformthedata.
- UsedTimeTravel andFailSafefordatarecovery.
- UnderstandingofSnowflakeMulti-clusterwarehousing,Multi-clusterSizeandCreditUsage.
- GoodexposureinSnowflakeCloudArchitectureandSnowSQLandSNOWPIPE for
- Continuousdataloading.
- Experienceonworkingwithvariousdataformatslike XML,JSON,TSV,TXTfiles.
- ExperienceinwritingcomplexSQLscriptsusingStatisticalAggregatefunctionsandAnalytical functions to support ETL in snowflake cloud data warehouse.
- Designandimplementdatasecurityandaccess control.
- Closelyworkingwith ourQAteamforidentifyingdataissues.

➤ Goodcommunicationandinterpersonalskillsand StrongunderstandingofETLbestpractices.

WORKHISTORY:

➤ Workingwith**Reigns Infotech Pvt Ltd,**fromJune 2020toTill Date.
➤ Worked as a operations executive at Nestaway Technologies pvt Ltd from June 2018 to August 2019.

TECHNOLOGIES:

➤ Snowflake

➤ SQLDeveloper

➤ Informatica

➤ AWSS3

➤ DBT

PROJECTDETAILS:

PROJECT2:

Client	:	Wolfspeed
Project Name	:	High-EfficiencyPowerModulesforElectricVehicles
Environment	:	Oracle11g, AWS S3, Datawarehouse
Role	:	Snowflake Developer

Description:

Wolfspeed,Inc.,headquarteredinDurham,NorthCarolina,isaleaderinthedevelopmentofsilicon carbide (SiC) and gallium nitride (GaN) semiconductor technologies that power high-growth industrieslikeelectricvehicles,renewableenergy,and telecommunications.Knownfor itsenergy-efficient solutions, Wolfspeed'sSiC and GaN products improve performance and sustainability in applicationsrequiringhighefficiencyandreliability,suchasEVpowertrainsand5Ginfrastructure. Withitsexpertise,Wolfspeedisattheforefrontofenablingashifttowardmoreelectrifiedandenergy-conscious technologies across various global markets.

Role & Responsibilities:

- Created stages like external stage 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.
- Used import and export from external stage (S3 Bucket).
- Writing complex Snowflake SQL scripts in Snowflake cloud data warehouse to Business Analysis and reporting.
- Good exposure on snowpipe 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.
- Loading data into Snowflake tables from internal/external stages.
- Used COPY, LIST, PUT and GET commands for validating internal and external stage files.
- Involved in data cleansing to maintain quality and better performance.
- DBT we have used for transformation logics and testing purpose and we have create the models, macros, prehook, post hook, meterlizations and testing and snapshots and yml file configurations we have done.

PROJECT1:

Client	:	Infineon Technologies
Project Name	:	Next-Gen Power Solutions for Electric Vehicles
Environment	:	Informatica, Oracle, Windows 10
Role	:	ETL Support/snowflake Developer

Description:

Infineon Technologies, headquartered in Neubiberg, Germany, is a leading global semiconductor company specializing in power semiconductors, microcontrollers, and sensors. Known for its expertise in energy-efficient solutions, Infineon develops and manufactures silicon carbide (SiC) and gallium nitride (GaN) technologies, which are crucial for industries like automotive, renewable energy, and industrial automation. Infineon's SiC power devices are widely used in electric vehicles, renewable energy systems, and industrial applications, while its GaN products support high-performance applications in 5G communications and defense. Infineon plays a key role in advancing the global shift toward electrification and sustainable energy solutions.

Roles & Responsibilities:

- Mappingcreationsandworkflowsandmanagement,workingwithdifferenttransformationslike lookup, joiner, Aggregator, Expression and transformations.

- Work across multiple functional projects tounderstanddata usageandimplications for data migration.

- UsedCOPY,LISTcommandsforvalidatinginternalandexternalstagefiles.

- LoadingdataintoSnowflaketablesfrominternalstageandonlocalmachine.

- Usedimportandexportfrominternalstage(Snowflake)VSexternalstage(S3 Bucket).

- PerformingallSDLCphasestocompleteETLdevelopmentwork(RequirementGathering, Analysis, Design, Unit Testing, Deployment)

- WorkingcomplexSnowflakeSQLscriptsinSnowflakeclouddatawarehousetoBusinessAnalysis and reporting. Responsible for task distribution among the team.

- Performtroubleshootinganalysisandresolutionofcriticalissues.

- Involvedindataanalysisandhandlingad-hocrequestsbyinteractingwithbusinessanalysts, clients and resolve the issues as part of production support.

EDUCATIONS:

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- Bachelor from St Joseph's Degree & PG college affiliated to Osmania University (OU) in the year 2018.