**Tanuja Namburi**

Austin,TX|tanuja.namburi@gmail.com|(651)-208 -6966

**Professional Summary**

* Around 8 years of professional IT experience in Data warehousing (ETL/ELT) technologies which includes requirements gathering, data analysis, design, development, system integration testing, deployment, and documentation.
* Experience orchestrating ETL data pipelines using AWS Glue services (Glue Job, Crawler, Data Catalog, Athena), Lambdas, SNS and Event Bridge and building Datamart in Snowflake for Analytics.
* Experience deploying AWS Infrastructure through CI/CD pipelines using AWS CDK written in Python, Jenkins and Bitbucket.
* Experience developing data pipelines using PySpark data frames and SQL.
* Experience in creating ETL data pipelines using Informatica PowerCenter for data movement from various sources into Datamart hosted on Oracle.
* Proficient in writing complex queries/Stored Procedures for ETL/ELT.
* Worked in Agile model, performed code reviews, conducting knowledge sharing sessions with other ETL developers on team.

**Skills**

* Framework: PySpark SQL and Data frames
* Scripting: Python, Java
* ETL tool: Informatica PowerCenter
* AWS Services: Glue stack (Studio, Jobs, Catalog, Athena, Crawlers), Lambda functions, CloudWatch, SNS and CDK constructs.
* SQL: Oracle, SQL server, Snowflake
* Scheduling: Event Bridge, Control M and Maestro.

**PROFESSIONAL EXPERIENCE**

Allstate , Data Engineer Jan 2021 to present

##### Responsibilities:

* Implemented data pipelines to load Snowflake Datamart for Analytics using AWS services (AWS Glue stack, Lambdas, SQS, SNS, Kinesis Firehose), Python, PySpark and SQL.
* Deployed AWS Infrastructure for data pipelines using AWS CDK through Jenkins pipeline.
* Investigating and fixing the bugs occurred in the production environment and providing the on-call support.
* Responsible for building scalable distributed data solutions using wide range of Big Data tools including Spark, SPARK SQL.
* Converted the PL/SQL Procedures to Informatica mappings and at the same time created procedures in the database level for optimum performance of the mappings.
* Performed Unit testing and maintained test logs and test cases for all the mappings.
* Develop and support mappings that perform Extraction, Transformation, and load of source data into Derived Masters schema using various power center transformations like Source Qualifier, Aggregator, Filter, Router, Sequence Generator, look up, Rank, Joiner, Expression, Stored Procedure, SQL and update strategy to meet business logic in the mappings.

Charles Schwab, ETL Developer Jan 2017 to Nov 2020

##### Responsibilities:

* Worked on migration project to build more than 10 data pipelines for Snowflake cloud Datawarehouse.
* Worked on POC project to compare the performance of different cloud Datawarehouse like Snowflake and Redshift.
* Did POC on Azure service like Azure Data factory for ETL operations and measured the performance of SQL Datawarehouse.
* Extensively worked in Data Extraction, loading and transformation from source to target system using Teradata utilities like BTEQ, Fastload, and Multiload with Informatica Power Center.
* Creating the Workflows, Worklets, Mappings, Mapplets, Reusable transformations and scheduling Workflows and sessions using Informatica Power Center
* Extensively worked on Teradata performance tuning activities by leveraging different techniques like creation of indexes, identifying the candidates for table partitioning and providing recommendations to users/clients on best coding practices.
* Applying different compression techniques like Block Level compression and Multi Value compression and automation to identify the right candidates for compression.
* Responsible for extracting data from different SAP modules like Financial Accounting, Profit Center Accounting, Cost Control etc.

Vistara , ETL Developer Dec 2013 to Jan 2016

##### Responsibilities:

* Created, designed, and implemented specifications and developed ETL processes to support the development and implementation of data warehouse projects using Informatica.
* Extensively worked in Data Extraction, loading and transformation from source to target system using Teradata utilities like BTEQ, Fastload, and Multiload, Informatica Power Center.
* Created Star Schema with slowly changing Dimension Type 1 and Type 2.
* Developed complex mappings using multiple sources and targets in different databases, flat files and XML files.
* Created pre- and post-load scripts to drop indexes and key constraints before session and rebuild those indexes and key constraints after the session completes.

**Education**:

Bachelor of Computer Science, 2013

JNTU University – Kakinada.