Mohammed

Career Summary

- Strong Experience of Data Warehousing and ETL using Datastage , Teradata and Control-M
- Extensive Shell/Python scripting experience for Scheduling and Process Automation.
- Good experience in writing Spark applications using Scala.
- Extensively worked on data extraction, transformation and loading data from various sources like Oracle, Teradata and Flat files.
- Experience in importing and exporting data using Sqoop from HDFS to Relational Database Systems and vice – versa
- Provided second level and third level of production support in resolving issues relating to the interfaces
- Basic understanding of Cloud configuration in Amazon web services AWS.
- Experienced in data validation, data testing and mapping validation.
- Cohesive team worker, having strong analytical, problem solving and interpersonal skills.

Technical Skills

ETL: SQL, Unix shell scripting, Datastage, ControlM, TWS

Big Data: Spark , Scala , Hive , Sqoop , Airflow

Professional Experience

Organization: Optum Global Solutions

Duration: April 2018 – Present

Role: Data Engineer

Responsibilities:

- Involved in developing Spark code to read the data from datalake, store data into files and load data into Teradata tables using Scala.
- Involved in developing Shell scripts to orchestrate execution of all other scripts and move the data files within and outside of HDFS
- Used SparkSQL for reading data from external sources and processing the data using Scala framework.
- Develop SQL code and bteq scripts to load data from Sequential files into Teradata tables.
- Worked on design of TWS and Airflow jobs for scheduling.
- Responsible for preparing deployment of Code using Github and Jenkins
- Developed generic Unix shell scripts for the project and worked on various POCs that involved coding in Python and Unix.
- Design Datastage jobs to extract data from various source systems as per the framework.

- Responsible for tuning queries to improve performance.

Organization: HSBC
Duration: May 2015 – 2018
Role : Software Engineer

Responsibilities:

- Created datastage jobs to implement technical enhancements for data warehouse by extracting data from sources like Teradata and Delimited flat files.
- Responsible for creating and modifying existing datastage jobs to perform end to end ETL and load data into Teradata data mart.
- Developed Unix shell scripts to Validate source files , audit source level information with target and archival/purging of Target tables and files.
- Developed bteq scripts as per the requirement and designed Control-M for scheduling the process.
- Used Datastage for ETL of data from flat/sequential files to Oracle target database.
- Responsible for updating data modeling changes in the existing model.
- Developed Unix scripts for comparing table and file schema ,trigger datastage job and validate data.
- Responsible for preparing Technical specification and simple test case documents, Also provided Production support for some batches.
- Extracted data from oracle database and spreadsheets and staged into a single place and applied business logic to load them in the central Teradata database.
- Extracted data from Source files and load data into Oracle database by designing code as per the requirements.
- Also involved in troubleshooting existing ETL bugs using Datastage director.
- Prepared document to describe program development, logic, coding, testing, changes and corrections.

Additional responsibilities at HSBC:

- Organizing and Managing Project share point and shared folders.
- Managing the Employee Time sheet for all Vendors within the project.

Employer

- Working as Data Engineering in Optum Global Solutions Hyderabad since Apr 2018.

- Worked as Software Engineer in HSBC Software Development Pvt Ltd, Hyderabad from June 2015 to April 2018.

Education

Qualification	Board / University	Percentage	Year of Passing
B.E. – Information Technology	Osmania University	78	2015
Intermediate (M.P.C.)	B.I.E.	90	2011
S.S.C.	B.S.E.	76	2009