**Ravi Teja Voleti**

**+1(409) 444-0348**

**voleti.raviteja9@gmail.com**

* Extensive experience dealing with ETL tools like **Talend**, **Datastage** with expertise in analysis, design, development & implementation of Data warehousing with **MS SQL** Server, **Oracle**, **Postgres** Databases on Windows and Unix platforms
* Extensive knowledge on normalized and dimensional modeling techniques, **Dimensional Data modeling**, **Star Schema** modeling, **Snow-Flake** modeling, Fact and Dimensions tables, **Slowly Changing Dimensions(SCD’s)** for Data Warehouse, Data marts, Data Sources and implementation using Talend and Datastage.
* Expert in using the Talend and Datastage Troubleshooting Techniques to understand the errors in Jobs and used the tMap/expression editor to evaluate complex expressions and look at the transformed data to solve mapping issues.
* Extensive experience in database programming using **SQL** that includes stored Procedures, functions and Packages.
* Developed parallel jobs using different processing stages like**Transformer, Aggregator, Lookup, Join, Sort, Copy, Merge, Funnel, CDC, Change Apply and Filter** ODBC, Shared containers and local containers, parameter sets etc
* Developed **Talend ESB** jobs and integrated them with **Azure Event Hub, Queues, Topics**
* Experience using all stages in **sequencers** and create parallel jobs with **RCP** and Multi instance.
* Good at using necessary **partition** techniques in the jobs to achieve the best performance results.
* Actively involved in data collection, group discussions and analysis. I have also played a key role in comprehensive analysis with regards to the functional flow of the projects and lead the team in database designing and maintenance.
* Proficiency in developing, testing and performance tuning Datastage parallel and server jobs. Good at creating Shared containers and reusable mappings.
* Ability to work effectively and efficiently in a team and individually, discerning **long term project** development issues at **multiple levels**.
* Created complex jobs in Talend using **tMap, tJoin, tReplicate, tParallelize, tJava, tJavaFlex, tAggregateRow, tDie, tWarn, tLogCatcher** etc
* In addition to my enthusiasm, I will bring to the position strong communication skills, flexibility, and the ability to encourage others to work cooperatively with the department.
* Experience in Performance Tuning of targets, mappings and sessions as per Industry standards thus helped DBA’s to create suitable database **partition** techniques for obtaining best results using Talend and Datastage.
* Extracted data from source systems like **Amazon S3**, **Azure (Event Hub, Queues),** **Salesforce**, **Five9**, Apache **Kafka**, **Back Office** and **SQL Server Databases**

**Education**

* Masters in Computer Science Engineering (MS) ,

University of Central Missouri, Warrensburg, MO

* Bachelors Of Technology (B.Tech),V R Siddhartha Engineering College,

Acharya Nagarjuna University, India

**Technical Skills**

**ETL Tools :** Talend Real Time Big Data Platform 6.4.1,

Talend Open Studio 6.3, 6.2.6.1, Talend Platform for MDM 5.4.2,

IBM Infosphere Information Server Datastage 9.1, 8.7, 8.5, Ascential

Datastage 8.1, Tableau 8.2

**Data Modeling :** Star-Schema Modeling, Snowflake-Schema Modeling, Erwin Data Modeling

**RDMS :** Oracle 11i,10g,9i/8i/7.x, MS SQL Server 6.5/7.0, 2000,

SQL Server 12.0/11.x, Postgresql, Pg Admin 9.6, 9.5

**Environments :** UNIX (AWS Server), Windows 10, 7/XP

**/Platforms**

**Scheduling :** Talend Administration Center (TAC),

Datastage Director,Unix(crontab),Windows(Task scheduler),

AWS Lambda

**Programming**

**Languages :** SQL, Unix Shell Scripting, C, C++, Python 3.6, 2.7, Java,

Windows Power Shell

**Other Tools :** TOAD for DB2, Quality

Center, Github, Sharepoint, OneDrive etc

**Professional Experience**

**Capgemini America Inc, Atlanta, GA Oct 2017-Till Date**

**Programmer / Developer Lead**

Royal Caribbean Cruises Ltd. is an American global cruise company. It is the world's second-largest cruise line operator. This is migration project from Informatica to Talend. Also this project is designed to integrate the Data warehouse into Azure cloud with the usage of Talend Real time Data Operations and Enterprise Service Bus which allows the client to have effective reporting environment.

**Responsibilities:**

* Be a part of every technical discussion.
* Understand existing business model and customer requirements.
* Designing, developing and deploying end-to-end Data Integration solution
* Develop Talend Jobs as per the business requirement.
* Develop powershell scripts and call the scripts using Talend
* Create Service Bus, Queues , Consumer groups, Event Hubsin Azure Environment
* Develop Talend job to read and consume messages from Azure Queues, Topics etc
* Extensively involved in various iterations for design/develop and testing Talend code.
* Use required components such as tjava, tjavarow,tlogrow, trowgenerator, tfileinput delimited etc
* Use contexts to pass parameters across various locations of the job.
* Use Talend to develop processes for extracting, cleansing, transforming, integrating and loading data into the data warehouse database.
* Using Talend Metabridge to convert the Informatica jobs to Talend Jobs
* Implement Talend Dynamic Schema instead of developing multiple jobs
* Develop Stored Procedures and handling complex queries
* Work with Error handling techniques and tuning the ETL flow for better performance.
* Implement Dimensions (SCD) Type1, Type 2 to capture the changes using Talend ETL Tool
* Using TAC (Admin Console), where we Schedule Jobs in Job Conductor

**Environment:** Talend Real Time Big Data Platform 6.4.1, Azure Cloud(ADLS\Blob), Windows Powershell, Windows 10, Oracle, SQL Server , Talend Administration Center (TAC), Github

**CDI Solutions Inc , San Ramon , CA Aug 2015-Oct 2017**

**Sr. ETL / Talend / Datastage Developer**

Capital One offers credit cards, checking and savings accounts, auto loans, rewards, and online banking services for individuals and businesses. The project was to design, develop and maintain a data warehouse to understand the client needs, undertake trend analysis, provide better customer service and assess current and future profitability.

**Responsibilities:**

* Involved in gathering requirements from users and involved in modifying various technical Specifications in the Development phase to Maintenance Phase.
* Understanding existing business model and customer requirements.
* Implemented Dimensions (SCD) Type1, Type 2 to capture the changes using Talend ETL Tool
* Preparing technical Design Documents and mapping the data.
* Develop ETL mappings for various sources (.TXT, .CSV, JSON) and also load the data from these sources into relational tables with Talend Open Studio.
* Created Projects, jobs in Talend Open Studio
* Used the Talend Components like tmap,tparallelise,tmssqlinput,tpostgreslqoutput etc
* Worked on Global Context variables, Context variables and Extensively used over 100+components in Talend to create jobs.
* Worked on Error handling techniques and tuning the ETL flow for better performance.
* Worked on Kafka Message Broker for Real time jobs
* Loaded data into Staging, Hub and Data Marts.
* Developed ETL Loader using Python code.
* Developed Real Time jobs using Talend.
* Used AWS Lambda as a scheduler.
* Worked on SQL for extracting the data from the source.
* Experience working with Amazon Web Services (AWS) Server and worked effectively in Agile Environment
* Design & Development of Datastage Jobs with Unit Testing
* Developed jobs in Parallel Extender PX using different stages like Transformer, Aggregator, Lookup, Join, Merge, Modify, Remove Duplicate, Oracle Stage, Sort, Peek, Row Generator, Column Generator, Sequential File, and Data Set
* Tuned Datastage jobs to obtain better performance
* Used Datastage Advanced concepts such as Run Time Column Propagation
* Deployed solutions that maximize consistency and usability of the data.

**Environment:** Talend Open studio 6.3,6.2,6.1, Talend Platform for MDM 5.4.2 (Enterprise Edition), Talend Adminstration Center(TAC), IBM Datastage 9.1, 8.7, 8.5, 8.1(Administrator, Designer, Director), UNIX (AWS server), SQL Server2012, Postgresql, Pg Admin 9.6,9.5, Windows 7, AWS Lambda, SNS, EC2, RDS, S3, Python 3.6,2.7, Github, Crontab