**Praveen Kumar**

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**Summary:**

* Over 3.5 years of experience in Data Integration using Talend Data Integration, Talend Open Studio for Data Integration and Talend Open Studio for Big Data.
* Extensive experience on Requirement gathering, analysis and designed mapping documents.
* Expert in source and target system analysis. Closely worked with client on requirements and deliverables.
* Expertise on Talend Data Integration suite for Design and development of ETL and Mappings for Enterprise DWH ETL Talend Projects.
* Solid knowledge on Talend Administration Center, implementing time & event-based schedule, performance tuning and troubleshooting.
* Worked with Different source systems like MSSQL, Oracle, Flat files, Redshift, Google BigQuery, Excel files and XML files.
* Capable of analyzing the business requirements and creating Jobs using Talend.
* Strong knowledge of facts and dimensional tables and slowly changing dimensions.
* Expert in Unit Testing and Performance tuning at mapping level.
* Excellent communication and interpersonal skills. Good knowledge in SQL.
* Created mappings in TALEND using tMap, tJoin, tReplicate, tConvertType, tFlowMeter, tLogCatcher, tNormalize, tDenormalize, tJava, tAggregateRow, tWarn, tLogCatcher, tFilter, tDie etc.
* Scheduling tools Crontab, Task Scheduler, Job Conductor (Talend Admin Console.
* Extensive knowledge of various Performance Tuning Techniques on Sources, Targets, Talend Mappings, Jobs and Data Base tuning. Developed reusable Transformation and Joblets.
* Experience in Troubleshooting and implementing Performance tuning at various levels such as Source, Target, and Mapping, Jobs, Database and System level in ETL processes.

**Technical Skills:**

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| **ETL** | Talend Data Integration, Talend Open Studio for Data Integration and Talend Real-time Big Data Platform |
| **Databases** | Oracle, MSSQL, MySQL and Redshift |
| **Scheduling Tools** | Autosys, Jenkins and TAC |
| **Operating Systems** | Linux, Windows. |
| **Other Tools** | FileZilla, WinSCP, GIT, Oracle Sql, and Google Big Query |

**Professional Experience:**

**Innovation Systems Pvt. Ltd. Feb 2022 – Present**

**Client: Pharmaceutical Product Development (PPD)**

**Role: Data Integration Specialist**

**Responsibilities:**

* Involved in building the Data Ingestion architecture and Source to Target mapping to load data into Data warehouse
* Analyzed the requirements and framed the business logic and implemented it using Talend.
* Developed Talend jobs from the mapping documents and loaded the data into the warehouse.
* Worked on Context variables and defined contexts for database connections, file paths for easily migrating to different environments in a project.
* Used Java components like tJava, tJavaRow, tJavaFlex.
* Used Database components like tMSSQLInput, tOracleIutput, tOracleOutput, tOracleconnection, etc.
* Worked with various File components like tFileInputDelimited, tfileOutputDelimited, tFileInputFullRow, tFilelist, tfileExist, tfileArchive, etc.
* Used S3 copy commands to load bulk data from files on S3 to Redshift target tables.
* Developed standards for ETL framework for the ease of reusing similar logic across the board.
* Troubleshoot database, Joblets, mappings, source, and target to find out the bottlenecks and improved the performance.
* Involved rigorously in Data Cleansing and Data Validation to validate the corrupted data.
* Migrated Talend mappings/Jobs/Joblets from Development to Test and to production environment.

**Environment:** Talend Data Integration, Flat files, JAVA, Oracle, SQL server, Redshift, FileZilla, Jira and GIT.

**Innovation Systems Pvt. Ltd Apr 2020 – Jan 2022**

**Client: Northwestern Mutual**

**Role: ETL Developer (Talend)**

**Responsibilities:**

* Developed standards for ETL framework for the ease of reusing similar logic across the board.
* Analyse requirements, create design and deliver documented solutions that adhere to prescribed Agile development methodology and tools.
* Developed complex Talend ETL jobs to migrate the data from flat files to database.
* Implemented custom error handling in Talend jobs and worked on different methods of logging.
* Followed the organization defined Naming conventions for naming the Talend Jobs and daily batches for executing the Talend Jobs.
* Exposure of ETL methodology for Data Extraction, Transformation and Loading process in a corporate-wide ETL solution using Talend Open Source for Data Integration.
* Worked on Context variables and defined contexts for database connections, file paths for easily migrating to different environments in a project.
* Developed mappings to extract data from different sources like Oracle.
* Scheduled the workflows using Jenkins.

**Environment:** Talend, Oracle, SQL server, Jenkins, Redshift, WinSCP, MySQL, TAC.

**Innovation Systems Pvt. Ltd. 0ct 2019 – Apr 2020**

**Client: Zuari Cements**

**Role: Talend Developer**

**Responsibilities:**

* Created various jobs using Talend components for implementing business logic.
* Involved in Unit Testing of the developed components.
* Involved in the Performance tuning of the Talend jobs.
* Used Java components like tJava, tJavaRow, tJavaFlex.
* Responsible for monitoring all the jobs that are scheduled, running completed and failed.
* Performed metadata validation, reconciliation and appropriate error handling in ETL processes.
* Developed various reusable jobs and used as sub-jobs in other jobs.
* Used Context Variable to increase the efficiency of the jobs

**Environment:** Talend, MySQL, Oracle, JAVA, SQL.