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**Sr. ETL / Talend Developer Cell: +1-863-271-9659**

**PROFESSIONAL SUMMARY:**

* Around ​ **7 years**​ of IT experience in all aspects of Analysis, Design, Testing, Development, Implementation and Support of Relational Database, Data Warehousing Systems and Data Marts in various domains.
* Expertise in Data Warehouse/Data mart, ODS, OLTP and OLAP implementations teamed with project scope, Analysis, requirements gathering, data modeling, Effort Estimation, ETL Design, development, System testing, Implementation, and production support.
* Around 4 years of experience with Talend Open Studio & Talend Enterprise platform like Talend for Big Data, Talend for Data Integration.
* Experienced in working with Informatica Cloud and Informatica’s DE product suite like DEI, DES, DEQ.
* Experience in various Hadoop distributions like Cloudera, Hortonworks, Databricks and EMR.
* Solid knowledge in integrating ETL tools like Informatica/Talend with Hadoop and Spark platforms to build complex ETL pipelines
* Efficient in performance tuning and debugging complex ETL jobs – Spark tuning, Hive query tuning, data portioning etc.
* Expertise in building complex streaming ingestion pipelines on Kafka, Azure EventHub, AWS Kinesis.
* Solid knowledge in working with various authentication and authorization mechanisms like Kerberos, AWS IAM, Azure AD, Sentry, Ranger and AWS KMS
* Expertise in Data modeling techniques like Data Modeling- Dimensional/ Star Schema and Snowflake modeling, Slowly Changing Dimensions (SCD Type 2)
* Experience in parsing complex X12 EDI files using Talend Data Mapper
* Experience in Big Data technologies like Hadoop/Spark Hive, Dynamodb, Spark SQL
* Experienced with Talend Big Data, Hadoop, Hive and used Talend Big data components like tHDFSInput, tHDFSOutput, tHiveLoad, tHiveInput, tHbaseInput, tHbaseOutput. Experience in using spark SQL
* Standard Jobs to load data in AWS Redshift database using Talend
* Experienced in working with complex file formats like – parquet, Avro, json, xml and ORC
* Created mappings using Lookup, Aggregator, Joiner, Expression, Filter, Router, Update strategy and Normalizer Transformations. Developed reusable Transformation and Mapplets
* Strong Experience with shell scripting, understanding of approaches for business intelligence, data warehouse.
* Experience in submitting Talend jobs for scheduling using Talend scheduler which is available in the Admin Console
* Good knowledge in Talend Integration experience with AWS/Azure
* Experience building and optimizing big-data data pipelines and data sets including Postgres, AWS Relational Data Service
* Experience in data migration with data from different applications into a single application
* Responsible for Data migration from MySQL Server to Oracle Databases
* Prepared migration document to move the mappings from development to testing and then to production repositories
* Experienced in writing SQL Queries and used Joins to access data from Oracle, and MySQL
* Implemented Error Logging, Error Recovery, and Performance Enhancement’s &amp; created Audit Process (generic) for various Application teams
* Experienced in Waterfall, Agile methodologies
* Hands-on experience across all stages of Software Development Life Cycle (SDLC) including business requirement analysis, data mapping, build, unit testing, system integration and user acceptance testing

**SKILLS:**

**Databases**: Netezza, Teradata & utilities (FASTLOAD, MULTILOAD), Oracle12c/11x/10g, DB2, Microsoft SQL Server, Hive, AWS – S3, EMR, Redshift, Lambda, Azure – ADLS Gen2, Synapse, Databricks, Snowflake, PostgreSQL

**Programming**: T-SQL, PL/SQL

**Scripting**: UNIX shell scripting

**Languages**: SQL, Core Java, Python

**Other Tools**: Autosys, Control-M, Apache Airflow, Jenkins, Maven

**Big Data**: Cloudera 5.x, 6.x, Hortonworks 2.x, 3.x, Databricks 6.x, EMR 5.x

**ETL Tools**: Talend Big Data 6.x., 7.x, Talend Data Mapper, Informatica Data Engineering 10.x, IICS(Informatica Cloud)

**Defect /Project Management Tools**: JIRA

**Version Control Tool**: Bit Bucket, GitHub

**PROFESSIONAL EXPERIENCE:**

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**Sr. ETL/Talend Developer Oct 2019 to Till Date**

**Wells Fargo, Minneapolis, MN**

**Responsibilities**:

* Designed ETL process using Talend Tool to load from Sources to Targets through data Transformations.
* Monitored and supported the Talend jobs scheduled through Talend Admin Center (TAC)
* Developed the Talend mappings using various transformations, Sessions and Workflows.
* Used Talend to Extract, Transform and Load data into Snowflake Data Warehouse from various sources like Oracle and flat files.
* Created multiple Job lets (reusable code) & Java routines in Talend
* Experienced in writing SQL Queries and used Joins to access data from Oracle, and MySQL.
* Created mapping documents to outline data flow from sources to targets
* Involved in Dimensional modeling (Star Schema) of the Data warehouse, used Erwin to design the business process, dimensions, and measured facts.
* Designed the Talend ETL flow to load the data into hive tables and create the Talend jobs to load the data into HDFS files and Hive tables.
* Worked on a module where Informatica is the ETL tool – built various DEI mappings, dynamic mappings.
* Used ISD to parse complex file patterns and also leveraged advanced transformations like mid-stream parsing on Hadoop using Informatica DEI/DES.
* Unit testing, code reviewing, moving in UAT and PROD.
* Working with high volume of data and tracking the performance analysis on Talend job runs and session.
* Prepare the Talend job level LLD documents and working with the modeling team to understand the Big Data Hive table structure and physical design.
* Conducted code reviews developed by my teammates before moving the code into QA.
* Used Talend reusable components like routines, context variable and global Map variables.
* Modified existing mappings for enhancements of new business requirements.
* Prepared migration document to move the mappings from development to testing and then to production repositories.
* Works as a fully contributing team member, under broad guidance with independent planning &amp; execution responsibilities.
* Scheduling the ETL mappings on daily, weekly, monthly and yearly basis.
* Worked on the project documentation and prepared the Source Target mapping specs with the business logic and involved in data modeling

**Environment**: Talend for Big Data 7.1, Talend Data Mapper, Talend Administrator Console, Informatica DEI(S) 10.2.x, AWS EMR, MS SQL server, PostgreSQL, SQL Workbench, WinSCP

**Talend Developer, Arlington, VA Feb 2018 to Sept 2019**

**Etrade Financial Corporation**

**Responsibilities:**

* Participated in all phases of development life-cycle with involvement in the definition and design meetings, functional and technical walkthroughs.
* Created Talend jobs to copy the files from one server to another and utilized Talend FTP components
* Created and managed Source to Target mapping documents for all Facts and Dimension tables
* Used ETL methodologies and best practices to create Talend ETL jobs. Followed and enhanced programming and naming standards.
* Created and deployed physical objects including custom tables, custom views, stored procedures, and Indexes to SQL Server for Staging and Data-Mart environment.
* Design and Implemented ETL for data load from heterogeneous Sources to SQL Server and Oracle as target databases and for Fact and Slowly Changing Dimensions SCD-Type1 and SCD-Type2.
* Created Implicit, local and global Context variables in the job. Worked on various Talend components such as tMap, tFilterRow, tAggregateRow, tFileExist, tFileCopy, tFileList, tDie etc.
* Developed stored procedure to automate the testing process to ease QA efforts and also reduced the test timelines for data comparison on tables.
* Created Talend jobs to copy the files from one server to another and utilized Talend FTP components.
* Experience in CI/CD using Jenkins to deploy jobs and rancher to monitor logs.
* Used Talend as integration and migration tool to move salesforce data into Azure ADLS Gen2 storage and later move data to Synapse for BI teams to build dashboards.
* Worked on migration of talend jobs from older versions to the latest.
* Involved in production and deployment activities, creation of the deployment guide for migration of the code to production.

**Environment:** Talend Open Studio 6.3, Talend Open Studio 7.1, Rancher, Jenkins, Oracle 11g, Microsoft Azure, Databricks 5.x, Synapse, SQL Navigator, Salesforce, Toad, Putty, WinSCP.

**Talend/Big Data Developer Apr 2016 to Jan 2018**

**St. Jude Children’s Research Hospital, Memphis, TN**

**Responsibilities:**

* Worked closely with Business Analysts to review the business specifications of the project and to gather the ETL requirements.
* Closely worked with Data Architects in designing of tables and even involved in modifying technical Specifications.
* Involved in Extraction, Transformation and Loading of data from multiple source systems to Aws S3.
* Involved in the Development of copying Data from AWS S3 to Redshift using the Talend Process.
* Involved in writing custom copy command query’s and used the context extensively and implemented in tRedshiftRow Component.
* Extensively used tsystem component to push large sets of data to s3.
* Developed a Talend Code for S3 Tagging in the Process of Moving data from source to S3
* Utilized Talend components like tS3Put, tS3Get, tS3File List, tRedshiftRow, tRedshiftUnload, tRedshiftBulkExec, tflowtoiterate, tSetGlobalVar, tsnowflakeinput, tsnowflakeoutout, tsnowflakerow.
* Experienced in creating external staging tables in snowflake to move data between snowflake and Aws S3.
* Experienced in writing complex snow SQL queries in tsnowflakerow.
* Created many complex ETL jobs for data exchange from and to Database Server and various other systems including RDBMS, XML, CSV, and Flat file structures
* Experienced in creating standard jobs. Involved in development of Big data batch Jobs.
* Extensively used Talend components ​tMap, tDie, tConvertType, tFlowMeter, tLogCatcher, tRowGenerator, tOracleInput, tOracleOutput, tfileList etc, ts3put, ts3get, treplicate, tsortrow, tdenormalize​,tnormalize, tredshiftrow
* Utilized Big Data components like ​**tHDFSInput, tHDFSOutput, tHiveLoad, tHiveInput, tHiveOutput, tHiveRow, tHiveConnection**​.
* Experienced in executing the jobs in parallel using tparallelize component.
* Used debugger and breakpoints to view transformations output and debug mappings.
* Load and transform data into HDFS from large set of structured data /Oracle/SQL server using Talend Big data studio.
* Worked on Global variables, Context variables, and extensively used **tcontextload** in the jobs.
* Experienced in creating reusable jobs for error handling.
* Experienced in tuning the ETL Jobs for better performance.
* Extensively worked with TAC (Talend Administrator Console) for scheduling jobs using the execution plan.

**Environment**:​ Talend Data Integration 6.1/5.5.1, Talend Enterprise Big Data Edition 5.5.1, Talend​ Administrator Console, Oracle 11g, Cloudera 5.x, SQL Navigator, Toad, Putty, WinSCP.

**Talend Developer Feb 2015 to Dec 2015**

**Renown Analytics, India**

**Responsibilities:**

* Participated in all phases of development life-cycle with extensive involvement in the definition and design meetings, functional and technical walkthroughs.
* Created Talend jobs to copy the files from one server to another and utilized Talend FTP components
* Created and managed Source to Target mapping documents for all Facts and Dimension tables
* Used ETL methodologies and best practices to create Talend ETL jobs. Followed and enhanced programming and naming standards.
* Worked on Talend Administration Console (TAC) for scheduling jobs and adding users.
* Created and deployed physical objects including custom tables, custom views, stored procedures, and Indexes to SQL Server for Staging and Data-Mart environment.
* Design and Implemented ETL for data load from heterogeneous Sources to SQL Server and Oracle as target databases and for Fact and Slowly Changing Dimensions SCD-Type1 and SCD-Type2.
* Utilized Big Data components like tHDFSInput, tHDFSOutput, tPigLoad, tPigFilterRow, tPigFilterColumn, tPigStoreResult, tHiveLoad, tHiveInput, tHbaseInput, tHbaseOutput.
* Extensively used tMap component which does lookup & Joiner Functions, tjava, tOracle, txml, tdelimtedfiles, tlogrow, tlogback components etc. in many of my Jobs Created and worked on over 100+components to use in my jobs.
* Used Talend most used components (tMap, tDie, tConvertType, tFlowMeter, tLogCatcher, tRowGenerator, tSetGlobalVar, tHashInput & tHashOutput and many more)
* Created many complex ETL jobs for data exchange from and to Database Server and various other systems including RDBMS, XML, CSV, and Flat file structures.
* Created Implicit, local and global Context variables in the job. Worked on Talend Administration Console (TAC) for scheduling jobs and adding users.
* Worked on various Talend components such as tMap, tFilterRow, tAggregateRow, tFileExist, tFileCopy, tFileList, tDie etc.
* Developed stored procedure to automate the testing process to ease QA efforts and also reduced the test timelines for data comparison on tables.
* Involved in production n deployment activities, creation of the deployment guide for migration of the code to production, also prepared production run books.

**Environment:** Talend Data Integration 6.4, Talend Enterprise Big Data Edition 6.4 Talend Administrator Console, Oracle 11g, Hive, HDFS, Netezza, SQL Navigator, Toad, Control M, Putty, WinSCP.

**Talend / ETL Developer Jan 2014 to Jan 2015**

**High Radius, India**

**Responsibilities:**

* Participated in JAD sessions with business users and SMEs for better understanding of the reporting requirements.
* Design and developed end-to-end ETL process from various source systems to Staging area, from staging to Data Marts.
* Analyzing the source data to know the quality of data by using Talend Data Quality.
* Broad design, development and testing experience with Talend Integration Suite and knowledge in Performance Tuning of mappings.
* Developed jobs in Talend Enterprise edition from stage to source, intermediate, conversion and target.
* Involved in writing SQL Queries and used Joins to access data from Oracle, and My SQL.
* Used tStatsCatcher, tDie, tLogRow to create a generic job let to store processing stats.
* Using Talend transformations like tConvert Type, tSort Row, tReplace, tAggregate Row, tUnite etc.
* Developed Talend jobs to populate the claims data to data warehouse - star schema.
* Loading and unit tested the mappings.
* Experienced in using debug mode of talend to debug a job to fix errors. Created complex mappings using tHashOutput, tHashInput, tNormalize, tDenormalize, tMap, tUniqueRow, tPivot To Columns Delimited etc. Used tRunJob component to run child job from a parent job and to pass parameters from parent to child job.
* Created Context Variables and Groups to run Talend jobs against different environments
* Server using components like tFile Copy, TFileAcrchive, tFileDelete, tCreateTemporaryFile, tFTPDelete, tFTPCopy. tFTPRename, tFTPut, tFTPGet etc. Experienced in Building a Talend job outside of a Talend studio as well as on TAC server
* Experienced in writing expressions with in tmap as per the business need.
* Handled insert and update Strategy using tmap. Used ETL methodologies and best practices to create Talend ETL jobs.
* Extracted data from flat files/ databases applied business logic to load them in the staging database as well as flat files.

**Environment**: Talend 5.5/, Oracle 11g, Teradata SQL Assistant, HDFS, MS SQL Server 2012/2008, PL/SQL, Agile Methodology, TOAD, ERwin, AIX, Shell Scripts, AutoSys, SVN