**KEERTHI GADE**

**ETL/Talend Developer**

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**Professional Summary:**

* **3+ years** IT experience in **Design, Development, Maintenance, Enhancements and Production Support**of which includes Data warehousing and Legacy applications using ETL tools like **Talend / Informatica.**
* Experience in **Talend Open Studio (6.x/5.x) for Data Integration, Data Quality and Big Data.**
* **Experience in Talend MDM &Talend Big Data Enterprise version.**
* Proficiency in utilizing ETL tool **Informatica Power Center 9.x/8.x/7.x** for developing the Data warehouse loads with work experience focused in Data Integration as per client requirement**s.**
* Experience in adhering software methodologies like **waterfall, Agile**.
* Experienced in using **Talend DI, TalendDQ, TAC**.
* Extensively created mappings in Talend using **Map, Join, Replicate, Parallelize, Java, Java row, Die, Aggregate Row, Warn, LogCatcher, MySQL Scd, Filter, Global map** etc.
* Experienced in creating **Dynamic Talend Jobs** to inject data into **Data lake**using multiple sources systems.
* Experienced in scheduling Talend jobs using **Talend Administration Console (TAC)**.
* Good Understanding of relational database management systems, experience in integrating data from various data source like **Oracle, MSSQL Server, MySQL and Flat files.**
* Performed Data validation, **Integration Testing and Unit Testing.**
* Familiar with data **architecture** including **data ingestion pipeline design**, Hadoop information architecture, **data modelling** and data mining, machine learning and advanced data processing and Experience optimizing **ETL** workflows.
* Expertise in designing and developing complex mappings from varied transformation logic like **Unconnected and Connected lookups, Source Qualifier, Router, Filter, Expression, Aggregator, Joiner, Update Strategy, Union, Sequence Generator, Sorter, Rank, Normalizer** etc.
* Good experience in Big Data and Hadoop Ecosystem components like, Pig, Hive, Sqoop, Map Reduce.
* Experience in writing database objects like **Stored Procedures**, **Triggers**for **Oracle**, **MYSQL** databases and good knowledge in **PL/ SQL**, hands on experience in writing SQL queries.

**Technical Skills:**

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| **Data Warehousing** | Talend Data Management Platform 6.x, Talend Enterprise Big Data 6.4.1 Informatica Power Center 9.x/8.x/7.x |
| **ETL Tools** | ERwin, ER Studio, Visio, Toad, Teradata SQL Assistant, SQL Plus, Data Studio, MS Office.Informatice Power Centre 8.X, 9. X,10.X. |
| **Databases** | Teradata, Oracle 10g/11g, My SQL 5.0/4.1, SQL Server 2008, MS Access, Redshift, Sybase |
| **Methodologies** | SQL Navigator, Toad, Kimball/Inmon Dimensional Data Modeling, Star Schema, Snowflake Schema, Agile, Waterfall. |
| **Data Modeling** | ERWIN 4.0, MS Visio |
| **Programming Skills** | SQL, PL/SQL, C, C++, UNIX Script, Java |
| **Environment** | Windows OS, UNIX, Windows SERVER 2003/08,AWS with s3 & Redshift |

**Education:**

**Master’s:** Kent State University, Computer Science, Kent, Ohio

**Bachelors:** Swarna Bharathi Institute of Science & Technology, India

**Cardinal Health, Columbus, OH January 2018 – Current**

**Role = ETL / Talend Developer**

**Responsibilities:**

* Involved in various projects such as Data Migration, Data warehousing & Automation Projects.
* Coordinated with Business Users for requirement gathering, business analysis to understand the business requirement and to prepare Technical Specification documents (TSD) to code ETL Mappings for new requirement changes.
* Involved in Creating Dynamic Jobs to move data from source to s3
* Involved in creating Talend Jobs to move data from s3 to redshift.
* Created Hadoop cluster connections to access HDFS.
* Performed analysis, design, development, Testing and deployment for Ingestion, Integration, provisioning using Agile Methodology.
* Extensively used components like Wait For File, Iterate To Flow, Flow To Iterate, Hash output, Hash Input, Map, Run job, Java, Normalize and file components to create Talend jobs.
* Used Talend components such as map, File Exit, File Compare, ETL Aggregate, tS3Put, tS3Get, Redshift row, Oracle input, Oracle Output etc.
* Developed jobs to move inbound files to HDFS file location based on monthly, weekly, daily and hourly partitioning.
* Created contexts to use the values throughout the process to pass from parent to child jobs and child to parent jobs.
* Performed unit testing and also integration testing after the development and got the code reviewed.
* Implemented Error handling in Talend to validate the data integrity and data completeness for the data from the flat file.

**McKesson, OH May 2017 – Dec 2017**

**Role – ETL / Talend Developer**

**Responsibilities:**

* Analyzed client requirements and created design document for various change requests.
* Developed Mapping Documents indicating the source tables, columns, data types, transformation required, Business rules, target tables, columns and data types.
* Developed numerous Complex Informatica Mappings, Mapplets, Aggregator, Joiner, Filter, Source Qualifier, Expression, Router, Lookup and Update Strategy Transformations.
* Implemented different Tasks in workflows which included Worklets, Sessions, Command, E-mail, Event-Wait etc.
* Worked with complex queries in Teradata for data validation and reporting.
* Wrote Teradata code for creating temporary work tables in source and target database.
* Prepared Test Cases for testing each of the interfaces which were used by the QA team.
* Performed unit testing, system integration test as well as user acceptance testing of the developed code.
* Participated in production deployment of the developed change request code.
* Documented user requirements, Translated requirements into system solutions.
* Extensively participated in functional and technical meetings for designing the architecture of ETL load process.
* Developed Mapping Documents indicating the source tables, columns, data types, transformation required, Business rules, target tables, columns and data types.
* Created different Tasks in workflows which included Sessions, Commands, Worklets, Decision Task, E-mail, Event-Wait etc.

**DALAL Stocks, India July 2014 – Dec 2016**

**Role – Informatica developer**

**Responsibilities:**

* Responsible for designing and developing of mappings, mapplets, sessions and work flows for load the data from source to target database using Informatica Power Center and tuned mappings for improving performance.
* Created database objects like views, indexes, user defined functions, triggers and stored procedures.
* Involved in ETL process from development to testing and production environments.
* Extracted date from various sources like Flat files, Oracle and loaded it into Target systems using Informatica 7.x.
* Developed mappings using various transformations like update strategy, lookup, stored procedure, router, joiner, sequence generator and expression transformation.
* Developed PL/SQL triggers and master tables for automatic creation of primary keys.
* Used Informatica Power Center Workflow Manager to create sessions, batches to run with the logic embedded in the mappings.
* Tuned mappings and SQL queries for better performance and efficiency.
* Automated existing ETL operations using Autosys.
* Created & Ran shell scripts in UNIX environment.
* Created and ran the Workflows using Workflow manager in Informatica Maintained stored definitions, transformation rules and targets definitions using Informatica repository manager.
* Created tables and partitions in database Oracle.