Mohammad Ankoos

Helmed IT strategy and operations improvement as a Technocrat targeting challenging assignments as **TalendETL Developer** with an organization of high repute

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Key Skills

Project Execution & Support

Software Development Lifecycle

Application Maintenance & Support

Requirement Gathering & Analysis

Solution Architecture

Defect Tracking & Bug Fixing

Application Support

Client Relationship Management

Profile Summary

- A qualified professional offering **6.10 years** with **Talend Data Integration** (extraction transformation and loading) and experience inApplication Development using **ETL Talend**.
- Expert in using different components in Talend like Processing Components (**tFilterRow, tAggregateRow, tMap and tJoin**), Custom Code Components (**tJava, tJavaRow**) Logs & Error Components (**tDie, tLogCatcher,tLogRow**), Database Components (**tOracleInput, tOracleOutput, tOracleCommit, tOracleConnection, tOracleSP, tOracleRollback), Management Components (tFilelist, tFileCopy**) File Components (**tFileInputDelimited, tfileOutputDelimited**), Misc. Component(**tRowGenerator**).
- Good knowledge in creating Data Mart's (Dimension and Fact Tables)
- Excellent knowledge on Data Warehousing concepts like Star Schema, Snowflake Schema, Dimensions and Fact tables.
- Good knowledge on implementing **SCD Type-1, Type-2, Type-3** Dimensional tables and facts.
- Created context variable to store metadata information of all the sources and targets.
- Having good knowledge of TMC, TAC.
- Experience in Install and configure all the Talend servers (**Jobserver, CommandLine, LogServer)** modules on different environments.
- Extensive experience in extraction, transformation and loading of data from various heterogeneous source systems like Flat files (.txt, XML, Excel, JSON, Fixed width, CSV) and Relational Databases.
- Used ETL process to Extract, Transform and Load the data into stage area and data warehouse.
- Provided insightful knowledge of business process analysis and design; managed application-based**process re-engineering, process optimization, cost control revenue maximization** from technical solutions using cutting-edge technologies; possess knowledge of Object-Oriented Programming, Mathematics of Machine Learning & Deep Learning
- Understanding of **Software Development Lifecycle (SDLC)**and **TDD**Test Driven Development.

Soft Skills

Communicator   Innovator

Education

Under Graduation (Degree) from Kakatiya University.

Technical Skills

- **Tools:** Talend ETL Tool7.3.1, MS-Office
- **Databases:** MSSQL, MySQL, Oracle,Postgres, DB2
- **Other API's:** Kafka, Salesforce
- **Deployments:** TMC, TAC, Jenkins
- **Programming Languages:** Core Java,Python, OOPs, Collection Framework, Exception Handling
- **Repositories:** Bitbucket, Git
- **Build Tools:** Maven
- **Other Tools:** Win SCP, Putty

Work Experience

- Working as a **SeniorTalend ETL Developer** for **Intelliswift India Pvt Ltd**from **July 2022 to September 2023**.
- Worked as a **Talend ETL Developer** for **Novitas Technologies Pvt Ltd** from **December 2016 to July 2022**.

Key Result Areas:

- Liaising with the clients for **assessing the requirements** at the customer's end and checking the technical & commercial feasibility of the project
- **Translating customer's functional** requirements into **technological solutions** designed as per the requirement
- Analysing software requirements to determine feasibility of design and scope of project to provide best solutions
- **Designing, developing, testing, troubleshootingand debugging** applications; providing post-implementation, application maintenance &enhancement support to the client with regards to product / software application
- Developing **high quality applications** in accordance with established company standards and development guidelines
- **Performing code reviews, unit testing, and system testing** as needed
- Managing large & complex projects or multiple components of a project involving more than one company's product

Projects

Organization: IntelliSwift Software
Project Name: Pro_business_solutions
Client:Lowe's,US
Environments: Talend 7.3.1, TMC, Kafka, Salesforce, Bitbucket

Description:

To build a data warehouse solution for its business by integrating the business data from various source systems. As an Application Developer I was a part of team in development of Data Mart for Sales for Hazera Genetics. For this project we are getting the data from flat files and CSV files. By extracting the data from source systems, we process and clean the unwanted data, transform and load into a separate database using Talend. The above proposed data warehouse is strictly

based on star schema to accommodate future addition to warehouse without affecting the existing structure and the applications developed.

Key Result Areas:

- Extracting data from all existing tables
- Developed ETL mappings, job lets and transformations in jobs using Talend.
- Developed mappings using various transformations likeFilters, sequence generator,joins,transformation.
- Good knowledge on implementing **SCD type 1, type 2, type 3**,
- Worked on prestaging and staging jobs by cleaning, processing and transforming data from source.
- Participated in preparing mapping transformation logic documentation as per Client requirements
- Created job lets to load context parameters and Capture error message.
- Involved in performance tuning by optimizing the sources, targets, mappings and sessions.

Used SQL tools like Oracle SQL to run SQL queries and validate the data loaded into the target tables

Organization: IntelliSwift Software
Project Name: Pro_crm_Contact Center
Client:Lowe's, US
Environments: Talend 7.3.1, TMC, Kafka, Salesforce, Bitbucket

Description:

To build a data warehouse solution for its business by integrating the business data from various source systems. As an Application Developer I was a part of team in development of Data Mart for Sales for Hazera Genetics. For this project we are getting the data from flat files and CSV files. By extracting the data from source systems, we process and clean the unwanted data, transform and load into a separate database using Talend. The above proposed data warehouse is strictly based on star schema to accommodate future addition to warehouse without affecting the existing structure and the applications developed.

Key Result Areas:

- Extracting data from kafka topic in json format
- Developed ETL mappings, job lets and transformations in jobs using Talend.
- Developed mappings using various transformations likeFilters, sequence generator, joins, aggregate transformatic expressions.
- Good knowledge on implementing **SCD type 1, type 2, type 3**,
- Worked on prestaging and staging jobs by cleaning, processing and transforming data from source.
- Participated in preparing mapping transformation logic documentation as per Client requirements
- Created Audit, Log and Batch tables as part of project.
- Created job lets to load context parameters and Capture error message.
- Involved in performance tuning by optimizing the sources, targets, mappings and sessions.

Used SQL tools like Oracle SQL to run SQL queries and validate the data loaded into the target tables

Organization: Novitas Technologies Pvt Ltd
Project Name: Integrated Data Mart
Client:Hazera Genetics, Israel
Environments: Talend 6.5, CSV, TXT, MSSQL, TAC, UNIX

Description:
To build a data warehouse solution for its business by integrating the business data from various source systems. As an Application Developer I was a part of team in development of Data Mart for Sales for Hazera Genetics. For this project we are getting the data from flat files and CSV files. By extracting the data from source systems, we process and clean the unwanted data, transform and load into a separate database using Talend. The above proposed data warehouse is strictly based on star schema to accommodate future addition to warehouse without affecting the existing structure and the applications developed.

Key Result Areas:

- Understanding the Business rules completely and implementing data transformation methodologies.

- Involved in designing the E.T.L mapping documents.
- Developed ETL mappings, job lets and transformations in jobs using Talend.
- Developed mappings using various transformations like Routines, Filters, sequence generator, joins, aggregate transfor and expressions.
- Good knowledge on implementing **SCD type 1, type 2, type 3**,
- Worked on prestaging and staging jobs by cleaning, processing and transforming data from source.
- Worked on fact table and dimensional tables.
- Scheduling jobs through TAC.
- Participated in preparing mapping transformation logic documentation as per Client requirements
- Created Audit, Log and Batch tables as part of project.
- Created Task in TAC to schedule Talend jobs.
- Created job lets to load context parameters and Capture error messages.
- Created Master jobs to call the sub jobs and created parallel jobs to run sub jobs simultaneously.
- Used tSendEmail component to send email notification on job failure and success.
- Involved in performance tuning by optimizing the sources, targets, mappings and sessions.
- Used SQL tools like Oracle SQL to run SQL queries and validate the data loaded into the target tables.

Organization:Novitas Technologies Pvt Ltd
Project:Venn Life Sciences
Environments: Database Oracle and Excel Files,MySQL, Talend Data Integration 6.2.

Description:

It is a Clinical trial research company. The primary goal of this company is to provide the effective safeguard of patient and delivering the effective medicine to the society. The Research team will make their observations on subject profiles (Patients) and new medicine. Same will reflect into the database. The RBM (Risk Based Monitoring) date warehouse will get the data from multiple sources. If any changes happened, the same will flown to RBM. On RBM, reports will develop and shared to research team to analyse the reports.

Key Result Areas:
- Attending the sprint meeting to understanding the client requirements clearly.
- Working with business analyst to understand the domain functionality and domain terminology.
- As per technical design effectively implemented the Talend jobs to load the data into target.
- Created jobs using components tAggregateRow, tMap, tJoin, tUnite, tReplicate, tRunjob, tLogRow, tOracleInput and tOracleOutput.
- Worked with different source systems like flat files and relational database to load the data into target.
- Effectively implemented the SCD Type-1 and 2 mapping.
- Writing the unit test cases to verifying the mapping and involved into the code reviews.
- Effectively worked with the delta load mappings.
- Done the performance tuning at source level, target level and mapping level.

Organization: Novitas Technologies Pvt Ltd
Project:Travelers Insurance, Hartford, CT
Environments: Talend 6.0.1, Oracle 11g, MS SQL Server 2012/2008

Description:

Travelers is second largest writer of U.S. commercial property casualty insurance and the third largest writer of U.S. personal insurance and under personal LoB, Travelers has Auto and Property insurance. As part of the Travelers strategic initiative, Account Integrated Acquisition (AIA) project was started to integrate the existing Auto acquisition channel with Property channel.

Key Result Areas:

- Conducted JAD sessions with business users and SME's 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.

- Develop high level and detailed level technical and functional documents consisting of Detailed Design Documentation function test specification with use cases and unit test documents
- Developed jobs in Talend Enterprise edition from stage to source, intermediate, conversion and target.
- Created Dimensional and Relational Physical & logical data modelling fact and dimensional tables using Erwin.
- Involved in Talend Data Integration, Talend Platform Setup on Windows and UNIX systems.
- Created complex mappings in Talend 6.0.1/5.5 using tMap, tJoin, tReplicate, tParallelize, tJava, tjavarow, tJavaFlex, tAggregateRow, tDie, tLogCatcher, etc.
- Created joblets in Talend for the processes which can be used in most of the jobs in a project like to Start job and Commit job.
- Developed jobs to move inbound files to vendor server location based on monthly, weekly and daily frequency.
- Implemented Change Data Capture technology in Talend in order to load deltas to a Data Warehouse.
- Created jobs to perform record count validation and schema validation.
- Created contexts to use the values throughout the process to pass from parent to child jobs and child to parent jobs.
- Extraction, transformation and loading of data from various file formats like .csv, .xls, .txt and various delimited formats using Talend Open Studio.
- Executed Hive queries on Parquet tables stored in Hive to perform data analysis to meet the business requirements.
- Troubleshoot data integration issues and bugs, analyse reasons for failure, implement optimal solutions, and revise procedures and documentation as needed.
- Responsible to tune ETL mappings, Workflows and underlying data model to optimize load and query performance.
- Configure Talend Administration Centre (TAC) for scheduling and deployment.

Place: Hyderabad   **(MOHAMMAD ANKOOS)**