**Bhavani Venishetti  
 Talend Developer**

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**SUMMARY OF EXPERIENCE:**

* 7 years of Experience in **ETL**, **Data** **Warehousing** and **Business** **Intelligence** **applications** **design**, development and Maintenance of Integration Services using **Talend** **Data** **Integration** and **Informatica** using **Oracle** **DB** and **SQL** **Server**.
* Experience in ETL tools for Designing **Data warehouse, Business Intelligence, Analytics, ETL Process, Data Mining, Data Mapping, Data conversion, Data Migration using Talend Data Integration, Informatica Power Center, SSIS**.
* Expertise with Talend Data Integration, frequently used components tOracleInput, tMysqlnput, tMap, tSoap, tESBConsumer, tConvertType, tFlowMeter, tLogCatcher, tRowGenerator, tSetGlobalVar, tHashInput&tHashOutput, tDie and more.
* Experienced in working with **Horton** works distribution of **Hadoop**, **HDFS**, **MapReduce**, **Spark**, **Hive**, **Sqoop**, **Flume**, **Pig**, **HBase**, and **MongoDB**
* Experience in dealing with structured and semi-structured data in HDFS.
* Experience of in **SQL** **Server**, PL/**SQL** retrieving data from databases using **T**-**SQL**, Import data from other filesystems.
* Created mappings using **Lookup**, **Aggregator**, **Joiner**, **Expression**, **Filter**, **Normalizer** and **De**-**Normalizer**, **Maps** **Transformations**. Developed reusable Transformation and **Joblets**.
* Experience in implemented **Logical data modeling concepts** in **Hadoop**.
* Experience in performing **Data quality** checks using **tSchemacompliancecheck**.
* Experience in interacting with Business users to analyze the business process and transforming requirements into screens, performing ETL, documenting and rolling out the deliverables.
* Demonstrated expertise utilizing ETL tools: Talend **Data** Integration, **SQL** **Server** **Integration** **Services** (**SSIS**), Developed slowly changing dimension (SCD) mappings using Type-I, Type-II, and Type-III methods.
* Used **Spark** and **MapReduce** frame works to configure the big data batch jobs.
* Developed and executed a migration strategy to move Data Warehouse from an Oracle platform to AWS Redshift.
* Experience in designing and developing POCs in **Spark** using Scala to compare the performance of Spark with **Hive** and **SQL**/**Oracle**.
* Experience in using cloud components and connectors to make API calls for accessing data from cloud storage Amazon S3 in Talend open Studio.
* Load data into Amazon Redshift and use AWS Cloud Watch to collect and monitor AWS RDS instances.
* Hands-on experience with integration processes for the Enterprise Data Warehouse (EDW) and extensive knowledge of various Performances Tuning Techniques on Sources, Targets using Talend Mappings, Jobs.
* Strong knowledge of ETL **Maintenance**, ETL **Auditing** and **Reporting**, **Data** **Mapping**, Exception Handling, and integration of multiple sources in an enterprise environment.
* Expertise in **Extract** **Transform** **Load** (ETL) and **Data** **Transformation** **Services** (DTS).
* Experience in generating files like XML files, FLAT files, EDI files, CSV files.
* Expertise in Extraction, Transformation, loading data from **Oracle**, **DB2**, **SQL** **Server**, **Hadoop**, **MS** **Access**, **Excel**, **Flat** **Files** and **XML** using **Informatica** and **Talend**.
* Well versed in **normalization**/**de**-**normalization** techniques for optimum performance in relational and dimensional database environments and building **Referential** **Integrity** **Constraints**.
* Expert in all areas of SQL Server development including tables, user functions, views, indexes, Stored procedures, functions, triggers, clustering, **T**-**SQL**, relational database models, data dictionaries, and data integrity, Data warehousing concepts, **OLTP** & **OLAP**.
* Hands on experience in MS SQL Server databases with tools like **Index** **Tuning** **Wizard**, **SQL** **Profiler**, and **Windows** **Performance** **Monitor** for optimal Performance.
* Great Expertise in creating and managing **Event** **Handlers**, **Package** **Configurations**, **Logging**, System and **User**-**defined** Variables for **SSIS** **Packages**.

**TECHNICAL SKILLS:**

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| --- | --- |
| ETL Tools | Talend Data Integration, Talend Bigdata real-time Platform. |
| Database | SQL Server […] Oracle […] MySQL, DB2, Microsoft Access. |
| Data Warehousing model | Dimensional Data Modelling, Star joining, Snow-flake Schema, 3 NF Modelling, Fact and Dimension tables, Physical and Logical Data Modelling. |
| Languages | SQL, PL/SQL, T-SQL, HTML, Java, XML. |
| Big Data | Hadoop, HDFS, HBase, HIVE, PIG, MapR. |
| Modelling Tools | Erwin 4.1/5.0, MS Visio. |
| Tools | Toad, SQL Plus, Share Point, Subversion, Crystal Reports. |
| Platforms | Windows, Windows Server […] UNIX, LINUX. |
| Office Tools | MS Office, Open Office. |

**Professional Experience:**

**Client: Florida Power and Light Sept 2020 – Till Now**

**Location: Juno Beach, Fl**

**Role: ETL Developer**

**Responsibilities:**

* Analyse the requirement and works closely with other teams on designing the project
* Participating Business – IT meetings regularly to gather requirements from Business and
* Working on designing of Project.
* Attending weekly status meetings to update Clients on weekly activities Host weekly
* Calls with regional teams to present findings.
* Working with Data Mapping Team to understand the source to target mapping rules.
* Load and transform data into HDFS from large set of structured data /Oracle/SQL/DB2 server using Talend Big data studio.
* Created Data model for applications to use across all applications.
* Developing complex ETL mappings for Stage, Dimensions, Facts and Data marts load
* Implemented File Transfer Protocol operations using Talend Studio to transfer files in between network folders.
* Utilized Big Data components like tHiveInput, tHiveOutput, tHDFSOutput, tHiveRow, tHiveLoad, tHiveConnection, tOracleInput, tOracleOutput, tPreJob, tPostJob, tLogRow, tImpalaInput, tImpalaLoad, tImpalaRow, tRunJob.
* Experienced in importing and exporting the data using Sqoop from HDFS to Relational Database systems/ mainframe and vice-versa.
* Creating Talend jobs using the dynamic schema feature.
* Writing the Hive, Impala, Spark code to loads data into Hadoop data warehouse using Talend tool.
* Created Common Ingestion framework to load 200 ADSO’s into Hadoop in using Group ids using single Talend job.
* Working on data Load between BW HANA to Hadoop. Utilized SAP HANA related components like tJDBCconnection and tSAPHANAInput, tSAPHANARow, tSAPHANALoad components.
* Provide the updates to offshore and attending the daily-stand up calls.
* Creating Talend Development Standards. This document describes the general guidelines for Talend developers, the naming conventions to be used in the Transformations and development and production environment structures.
* Involving in enhancements and maintenance activities of the data warehouse including performance tuning, rewriting of stored procedures for code enhancements.
* Working on defects to resolve the data issues raised by users.
* Using Repository Manager for Migration of Source code from Lower to higher environments.
* Creating Projects in TAC and Assign appropriate roles to Developers and integrated SVN (Subversion)
* Using Talend Admin Console Job conductor to schedule ETL Jobs on daily, weekly, monthly and yearly basis (Redwood).

**Environment**: Talend Real-time Big Data Platform 6.2.1, Enterprise Platform, UNIX scripting, Oracle 11g, SAP BW Hana, SQL Server 2012, Hue 3.9.0, Microsoft SQL Server management Studio, Unix, Linux.

**Client: Southern California Edison. July 2018 – Sept 2020**

**Location: Irwindale, CA**

**Role: Sr. Talend Developer**

**Responsibilities:**

* Implemented File Transfer Protocol operations using Talend Studio to transfer files in between network folders.
* Developed complex ETL mappings for Stage, Dimensions, Facts and Data marts load
* Worked on Data Migration using export/import.
* Created Talend jobs using the dynamic schema feature.
* Load and transform data into HDFS from large set of structured data /Oracle/SQL server using Talend Big data studio.
* Loaded the data into Spark RDD and do in memory data Computation to generate the Output response.
* Developed Spark/Scala, Python for regular expression (regex) project in the Hadoop/Hive environment with Linux/Windows for big data resources.
* Used Big Data components (Hive components) for extracting data from hive sources.
* Write HiveQL queries using joins and implemented in tHiveInput component.
* Created Talend jobs to copy the files from one server to another and utilized Talend FTP components.
* Performance tuning - Using the tmap cache properties, Multi-threading and tParallelize components for better performance in case of huge source data. Tuning the SQL source queries to restrict unwanted data in ETL process.
* Creating Spark SQL queries for faster requests.
* Used Spark streaming for the real-time processing of the data from HDFS.
* Have used AWS components (Amazon Web Services) - Downloading and uploading data files (with ETL) to AWS system using S3 components.
* Used more components in Talend and Few to be mentioned: tjava, toracle, txmlMap, tdelimited files, tlogrow, tlogback components etc. in many of my Jobs Design
* Worked on Joblets (reusable code) & Java routines in Talend
* Implemented Talend POC to extract data from Salesforce API as an XML Object & .csv files and load data into SQL Server Database.
* Amazon Redshift to create and manage a data warehouse. work with databases as a designer, software developer, or administrator, it gives you the information you need to design, build, query, and maintain your data warehouse.
* Experience in AWS S3, EC2, SNS, SQS setup, Lambda, RDS (MySQL) and Redshift cluster configuration.
* Experienced in writing SQL Queries and used Joins to access data from Oracle, and MySQL.
* Implemented Error Logging, Error Recovery, and Performance Enhancement's & created Audit Process (generic) for various Application teams.
* Experienced in handling large datasets using Partitions, Spark in Memory capabilities, Broadcasts in Spark, Effective & efficient Joins, Transformations and other during ingestion process itself.
* Experience in using Repository Manager for Migration of Source code from Lower to higher environments.
* Created Projects in TAC and Assign appropriate roles to Developers and integrated SVN (Subversion)
* Used Talend Admin Console Job conductor to schedule ETL Jobs on daily, weekly, monthly and yearly basis (Cron Trigger)

**Environment:** Talend Data Integration cloud, Enterprise Platform for Data integration and MDM (V6.1.1,5.5.1, 5.6.1), AWS, S3, UNIX, Oracle 11g, SQL Server 2012, Spark, Microsoft SQL Server management Studio, WINDOWS XP

**Client: American Express. May 2015 – July 2018**

**Location: Phoenix, AZ**

**Role: ETL Talend Developer**

**Responsibilities:**

* Interacted with the business users on regular basis to consolidate and analyse the requirements.
* Involved in analysing data, design and build databases tables to capture all data elements, and load data, while maintaining data lineage and operational tracking.
* Identified the Entities and the relationships between the Entities to develop a logical model and later translated into physical model.
* Used more components in Talend and Few to be mentioned: tjava, toracle, txmlMap, tDelimited files, tlogrow, tlogback components etc. in many of my Jobs Design
* Worked on Joblets (reusable code) & Java routines in Talend.
* Worked closely with analysts and other developers to build data warehouses and optimize processes.
* Worked in Data Quality, Source Systems Analysis, Business Rules Validation, Source Target Mapping Design, Performance Tuning and High-volume Data Loads.
* Worked with Business Intelligence/Data warehousing tools and skills including data management, database support, and SQL, ETL and OLAP concepts.
* 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.
* Used tStatsCatcher, tDie, tLogRow to create a generic joblet to store processing stats into a Database table to record job history.
* Prepared ETL mapping Documents for every mapping and Data Migration document for smooth transfer of project from development to testing environment and then to production environment. Performed Unit testing and System testing to validate data loads in the target.

**Environment:**Talend 5.5/5.0, Oracle 11g, Teradata SQL Assistant, HDFS, MS SQL Server 2012/2008, PL/SQL, Agile Methodology, TOAD, AIX, Shell Scripts, AutoSys, SVN.

**Client:** **Labont Software PVT LTD. Jan 2014 – April 2015**

**Location**: **Bangalore, India**

**Role: ETL Developer**

**Responsibilities:**

* Interacted with the business users on regular basis to consolidate and analyse the requirements.
* Identified the Entities and the relationships between the Entities to develop a logical model and later translated into physical model.
* Used Normalization up to 3NF and De-normalization for effective performance.
* Involved in implementation of the Test cases and Test Scripts.
* Tested the data and data integrity among various sources and targets.
* Tested to verify that all data were synchronized after the data is troubleshoot, and also used SQL to verify/validate test cases.
* Written Test Cases for ETL to compare Source and Target database systems and check all the transformation rules.
* Defects identified in testing environment where communicated to the developers using defect tracking tool HP Quality Center
* Performed Verification, Validation, and Transformations on the Input data
* Written Test Cases for ETL to compare Source and Target database systems and check all the transformation rules.
* Extracted data from databases like Oracle, SQL server and DB2 using Informatica to load it into a single repository for data analysis.
* Worked on multiple data marts in Enterprise Data Warehouse (EDW).
* Worked on Informatica Power Center Designer tools like Source Analyzer, Target Designer, Transformation Developer, Mapping Designer and Mapplet Designer.
* Designed and developed Informatica power center medium to complex mappings using transformations such as the Source Qualifier, Aggregator, Expression, Lookup, Filter, Router, Rank, Sequence Generator, Stored Procedure and Update Strategy
* Worked as a key project resource taking day-to-day work direction and accepting accountability for technical aspects of development.
* Developed the business rules for cleansing/validating/standardization of data using Informatica Data Quality.
* Designed and developed multiple reusable cleanse components.

**Environment:** Informatica, Erwin r7.3, SQL/MS SQL Server, MS Analysis Services, Windows NT, MS Visio, XML.