**Devarshi Dave**

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**PROFESSIONAL SUMMARY:**

* **8+ 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 using **Talend Data Integration/Big Data Integration** **(6.1/5.x) / Talend Data Quality**.
* Experience with **Big Data, Hadoop, HDFS, Map Reduce and Hadoop Ecosystem (Pig & Hive)** technologies.
* Extensive experience in development and maintenance in a corporate wide **ETL** solution using **SQL, PL/SQL, TALEND 4.x/5.x/6.x** on **UNIX**and **Windows**platforms.
* Experienced in **ETL TALEND Data Fabric** components and used features of **Context Variables, MySQL, Oracle, Hive** Database components.
* Experience in **AWS S3, EC2, SNS, SQS setup, Lambda, RDS (MySQL)** and **Redshift** cluster configuration.
* Expertise in creating mappings in TALEND **using tMap, tJoin, tReplicate, tParallelize, tConvertType,, tflowtoIterate, tAggregate, tSortRow, tFlowMeter, tLogCatcher, tRowGenerator, tNormalize, tDenormalize, tSetGlobalVar, tHashInput, tHashOutput, tJava, tJavarow, tAggregateRow, tWarn, tLogCatcher, tMysqlScd, tFilter, tGlobalmap, tDie** etc.
* Strong experience with **Talend** tools - Data integration, big data and experience in **Data Mapper, Joblets, Meta data and Talend**components, jobs
* Experienced in using **TBD** and **Talend Data Fabric** tools ( **Talend DI, Talend MDM, Talend DQ, Talend Data Preparation, ESB, TAC** )
* Extensive experience in integration of various heterogeneous data sources definitions like **SQL Server, Oracle, Flat Files, Excel files**loaded data in to Data ware house and Data marts using **TalendStudio**.
* Experiences on databases like **MySQL, Oracle using RDS of AWS.**
* **Strong experience in Informatica tools Repository manager, Designer, Workflow manager, Workflow monitor.**Ability to Work with complex mappings using different transformations like Source Qualifier, Lookup, Filter, Expression, Router, Normalizer, Joiner, Update Strategy, Rank, Aggregator, Stored Procedure, Sorter, and Sequence Generator
* Strong knowledge in Data Warehousing concepts, hands on experience using **Teradata** utilities (BTEQ, FASTLOAD, FASTEXPORT, MULTILOAD, SQL Assistant, Data mover), UNIX
* Excellent Experiences on **NOSQL**databases like **HBase and Cassandra.**
* Excellent understanding of **Hadoop architecture, Hadoop Distributed File System and API's.**
* Experienced in **Waterfall, Agile/Scrum** Development.
* Extensively use ETL methodology for performing **Data Migration, Data Profiling, Extraction, Transformation and Loading**using Talend and designed data conversions from wide variety of source systems like SQL Server, Oracle, DB2 and non-relational sources like XML, flat files, and mainframe Files.
* Expertise in Client-Server application development using **MS SQL Server … Oracle … PL/SQL, SQL \*PLUS, TOAD and SQL\*LOADER. Worked with various source systems such as Relational Sources, Flat files, XML, Mainframe COBOL and VSAM files, SAP Sources/Targets**etc.
* Well versed with **Talend Big Data, Hadoop, Hive and used Talend Big data** components like **tHDFSInput, tHDFSOutput, tPigLoad, tPigFilterRow, tPigFilterColumn, tPigStoreResult, tHiveLoad, tHiveInput, tHbaseInput, tHbaseOutput, tSqoopImport** and **tSqoopExport.**
* Experience in development and design of **ETL (Extract, Transform and Loading data)** methodology for supporting data transformations and processing, in a corporate wide **ETL** Solution using **Informatica** PowerCenter and **IDQ tool.**

**TECHNICAL SKILLS:**

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| **Data Warehousing/ ETL:** | Talend, PL/SQL, MDM, Informatica Power Center 9.6/9.5/9.1/8.6 , Talend Data Fabric 6.2, 6.1, , Informatica IDQ Informatica Power Mart 9/8.x, (Workflow Manager, Workflow Monitor, Source Analyzer, Warehouse Designer, Transformation Developer, Mapplet Designer, Mapping Designer, Repository manager), Metadata. |
| **Data Modeling:** | Dimensional Data Modeling, 3NF Data Modeling, Star Schema Modeling, Snow-Flake Modeling, Physical and Logical Data Modeling, Erwin, ER Studio and Sybase Power Designer. |
| **Databases & Tools:** | Teradata 12/13/13.10/14 , Oracle 11g/10g/9i/8i/8.x, DB2 UDB 8.5, SQL\*Server, MS SQL Server 2014/2008, SQL\*Plus, SQL\*Loader, TOAD, SQL Assistant, Natezza, Hive, Redshift, |
| **Scheduling Tools:** | Informatica Workflow Manager, Autosys, CTL-M |
| **Programming Languages:** | Unix Shell Scripting, SQL, PL/SQL, Perl, Teradata, SQL, Oracle PL/SQL, HTML, DHTML, XML, Java, .Net, Netezza. |
| **Operating Systems:** | Windows Family, Linux, Unix-AIX, Sun Solaris 8.0/9.0. |
| **Methodologies:** | Agile & Waterfall methods.  JIRA, JMP, SQL, Hadoop, AutoCAD, Microsoft Suite (Word, Excel, Power Point, Access, Outlook), ERP, ETL. |

**PROFESSIONAL EXPERIENCE**

**Project : DATA-TNM-EBIA-DATALABOR**

**Client : Travelers**

**Location : Hartford, Connecticut**

**Duration : September 2021 – Till Present**

**Role : Sr ETL Developer**

Involved in the design and development of integrations system with DATA-TNM-EBIA-DATALABOR project. Analyzed Party, Telephone Oracle data source tables and defined data cleansing and data quality rules for target and developed ETL jobs to load the Party, Telephone data into MongoDB database for MVP purpose. This will also assist in progressing an MVP for a search service against this data in Mongo.

**Responsibilities:**

* I developed Talend jobs to load Party data and Telephone data, Household data, Contract data, Personal Details data into MongoDB database for MVP1 purpose.
* I developed Talend jobs to load Party data and Telephone data, Household data, Contract data, Personal Details, Personal Address data, Person Names data into MongoDB database for MVP2 purpose.
* Created a different collection in MongoDB for Certified Individual (CI) data of MVP1 and MVP2.
* Verified Party level (Golden and XREF) attributes in MongoDB which comes from C\_B\_PTY/C\_B\_XREF tables are updated to most current data schema.
* I have created SQL queries which will return data in form of JSON Array objects for the MVP1 and MVP2.
* I have modified source queries and logic as per business user needs and implemented changes in Talend jobs of MVP1 and MVP2.
* I have implemented talend jobs with given business rules i.e. read data from all the sources they are party, telephone, household so on and records loaded into MongoDB collection as each data set in one sub document for under one MDM\_ID for MVP1 and MVP2.
* I have completed unit test for data validation and logic validation for MVP1 and MVP2 data.
* Support other ETL developers providing mentoring, technical assistance, troubleshooting and alternative development solutions.
* Developed Data-architecture, ETL Standard processes in Talend, Oracle database and MongoDB for MVP (MVP1, MVP2) process systems including architecture for parsing documents related to party, telephone, household, contract, person address so on as subdocument/embedded documents in MongoDB.
* Designed and implemented new environments and ETL frameworks for required party, telephone, household, contract, person address, person details, person names assist in progressing an MVP1 and MVP2 for a search service against this data in Mongo.
* Worked on Data Load development process to satisfy business requirement and worked with development teams to implement the Mapping-docs and ETL to satisfying technical requirements
* I have used these components in Talend to fulfill given business rules they are tSetKeyStore, tMongoDBRow, tOracleInput, tMap, tMongoDBOutput.
* Developed complex Talend ETL jobs to migrate the data from Oracle database table to NoSQL database.
* Implemented custom error handling in Talend jobs and also worked on different methods of logging.

**Client : Prudential Financial**

**Location : Roseland, New Jersey**

**Duration : January 2020 – August 2021**

**Role : Sr ETL Developer**

**Responsibilities:**

* Support other **ETL developers**; providing mentoring, technical assistance, troubleshooting and alternative development solutions
* Developed **Data-architecture, ETL Batch processes** in **Talend, SQL-server** and PostgreSQL for Call-center systems including architecture for parsing documents related to Call-center notes

‘Designed and implemented new environments and **ETL frameworks** for conformed data delivery and Call-Center-Analytics in Tableau and custom-Analytics platform

* Worked on **Dimensional Models, SCDs, Error-event schema, Audit dimensions** to satisfy business requirement and worked with development teams to implement the **Data-Models, Mapping-docs and ETL** to satisfying technical requirements
* Developed jobs, components and **Joblets in Talend**
* Created complex mappings in Talend using **tHash, tDenormalize, tMap, tUniqueRow. tPivotToColumnsDelimited** as well as custom component such as **tUnpivotRow**.
* Used **tStatsCatcher, tDie, tLogRow** to create a generic joblet to store **processing stats** into a Database **tableto record** job history.
* Created Talend Mappings to populate the data into dimensions and **fact tables**.
* Developed complex Talend ETL jobs to migrate the data from **flat files to database**.
* Implemented custom **error handling in Talend jobs** and also worked on different methods of logging.
* Created **Talend jobs to load data into various Oracle tables**. Utilized Oracle stored procedures and wrote few Java code to capture global map variables and use them in the job.
* 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.
* Manage the successful delivery of development projects across the full application lifecycle

**Environment:** Talend Data Integration 7.2.1,Talend Data Integration 7.0.1/6.1/5.5.1, Talend Enterprise Big Data Edition 5.5.1

**Client : Citizens Bank**

**Location : Providence , Rhode Island**

**Duration : December 2017- December 2019**

**Role : ETL Talend Developer**

**Responsibilities:**

* Developed jobs, components and Joblets in Talend. Designed ETL Jobs/Packages using Talend Integration Suite (TIS)
* Created complex mappings in Talend using **tHash, tDenormalize, tMap, tUniqueRow. tPivotToColumnsDelimited** as well as custom component such as **tUnpivotRow**.
* Used **tStatsCatcher, tDie, tLogRow** to create a generic joblet to store processing stats into a Database table to record job history.
* Created **Talend Mappings** to populate the data into dimensions and fact tables. Frequently used **Talend Administrative Console (TAC)**
* Implemented new users, projects, tasks within multiple different environments of TAC **(Dev, Test, Prod, and DR)**.
* Developed **complex Talend ETL** jobs to migrate the data from flat files to database. Implemented custom error handling in Talend jobs and also worked on different methods of logging. Created ETL/Talend jobs both design and code to process data to target databases.
* Created Talend jobs to load data into various Oracle tables. Utilized Oracle stored procedures and wrote few **Java code to capture global map variables** and use them in the job.
* Successfully Loaded Data into different targets from various source systems like **Oracle Database, DB2, Flatfiles, XML** files etc into the Staging table and then to the target database.
* Troubleshot long running jobs and fixing the issues.
* Prepared **ETL mapping Documents** for every mapping and **Data Migration document** for smooth transfer ofproject from development to testing environment and then to production environment. Performed Unit testing and System testing to validate data loads in the target.
* 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**.

**Environment:** Talend Data Integration 7.0.1/6.1/5.5.1, Talend Enterprise Big Data Edition 5.5.1, Talend Administrator Console, Informatica 9.6.1, Oracle 11g, Hive, HDFS, Sqoop, Netezza, SQL Navigator, Toad, Control M, Putty, Winscp.

**End Client : Genpact**

**Client : Infosense Global**

**Location : INDIA**

**Period : Aug 2014 – Aug 2017**

**Role : ETl Developer**

**Responsibilities:**

* Worked with Data Mapping Team to understand the source to **target mapping** rules.
* Analyzed the requirements and framed the business logic for the **ETL process using Talend.**
* Involved in the ETL design and its **documentation**.
* Developed Jobs in Talend Enterprise edition from stage to source, intermediate, conversion and Target
* Worked on Talend ETL to load data from various sources to Oracle DB. Used **tmap, treplicate, tfilterrow, tsort** and various other features in Talend.
* Worked on Talend ETL and used features such as **Context variables, Database components** like **tMSSQLInput, tOracleOutput, file components, ELT components** etc.
* Followed the organization defined Naming conventions for naming the Flat file structure, Talend Jobs and daily batches for executing the Talend Jobs.
* Worked on Context variables and defined contexts for database connections, file paths for easily migrating to different environments in a project.
* Implemented **Error handling in Talend** to validate the data Integrity and data completeness for the data from the Flat File
* Used Talend components such **as tmap, tFileExist, tFileCompare, tELTAggregate, tOracleInput, tOracleOutput** etc.
* Designed 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** to capture the changes
* Followed the organization defined Naming conventions for naming the **Flat file structure, Talend Jobs and daily batches** for executing the Talend Jobs.
* Responsible for developing, support and maintenance for the ETL (Extract, Transform and Load) processes using Talend Integration Suite.
* Involved in automation of FTP process in Talend and FTPing the Files in UNIX.
* Created **Talend Development Standards**. This document describes the general guidelines for Talend developers, the naming conventions to be used in the Transformations and also development and production environment structures.
* Extracted data from Oracle as one of the source databases.

**Environment:** Talend Data integration 5.6.1, Oracle 11g, MS SQL Server 2012/2008, PL/SQL, Agile Methodology, T-SQL, SSIS, Shell Scripts, Autosys.