**Varun Yadav**

**ETL/ Talend Developer- Edward Jones- Tx.**

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**Austin, TX**

**Professional Summary:**

* 4+ years of IT experience in **Analysis, Design, Developing and Testing and Implementation** of business application systems.
* Presently on OPT (Optional practical training), about to apply for an Stem-OPT extension for a further 2 years of extension. Can work for any employer across US without any limitations.
* Highly skilled ETL Engineer with hands-on experience on software development in tools like **Informatica/SSIS/Talend.**
* Strong experience in the Analysis, design, development, testing and Implementation of Business Intelligence solutions using **Data Warehouse/Data Mart Design, ETL, OLAP, BI, Client/Server applications.**
* 3+ years of Experience **on Talend ETL Enterprise Edition for Big data/Data integration/Data Quality**.
* Involved in code migrations from Dev. to QA and production and providing operational instructions for deployments.
* Worked hands on **Datastage 8.7 ETL migration** to **Talend Studio ETL process.**
* 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 Data Warehousing ETL experience of using **Informatica** Power Center Client tools - Mapping Designer, Repository manager, Workflow Manager/Monitor and Server tools – **Informatica Server, Repository Server manager.**
* 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.**
* Expertise in Using transformations like **Joiner, Expression, Connected and Unconnected lookups, Filter, Aggregator, Store Procedure, Rank, Update Strategy, Java Transformation, Router and Sequence generator.**
* Experienced on designing **ETL process** using **Informatica Tool** to load from Sources to Targets through **data Transformations.**
* Hands on experience in developing and monitoring **SSIS/SSRS** Packages and outstanding knowledge of high availability **SQL Server solutions**, including replication.
* Extensive experience in developing **Stored Procedures, Functions, Views and Triggers, Complex SQL queries using SQL Server, TSQL and Oracle PL/SQL.**
* Experienced in resolving on-going maintenance issues and bug fixes; monitoring **Informatica** sessions as well as performance tuning of **mappings** and **sessions.**
* Experienced in all phases of **Data warehouse development** from requirements gathering for the data warehouse to develop the **code,** **Unit Testing** and **Documenting.**
* 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.**

**TECHNICAL SKILLS**:

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| --- | --- |
| **Operating Systems:** | Windows 2008/2007/2005/NT/XP, UNIX**,** MS-DOS |
| **ETL Tools:** | Talend, TOS, TIS, Informatica Power Center 9.x/8.x/7.x/6.x (Designer, Workflow Manager, Workflow Monitor, Repository manager and Informatica Server), SSIS. |
| **Databases** | MS SQL Server 2012 /2008/2005, DB2 v8.1. |
| **Methodologies** | Data Modeling – Logical Physical, Dimensional Modeling - Star / Snowflake |
| **Languages** | SQL, UNIX, Shell scripts, C++, Web Services, Java Script, HTML. |
| **Scheduling Tools** | Autosys, Control-M |
| **Testing Tools** | QTP, LoadRunner, Quality Center, Test Director, Clear test, Clear case. |

**Talend ETL Developer – (May 2017- Till Date)**

**Company Name – Edward Jones- Round rock, Texas.**

**Industry: Financial and Insurance Services.**

**Technical Environment: Talend, TOS, TIS, Hive, Autosys, SQL Server 2012, Teradata, Netezza, Sybase, SSIS, UNIX, Profiles, Role hierarchy, Workflow & Approval processes, Data Loader, Reports, Custom Objects, Custom Tabs, Data Management, Lead processes, Record types.**

**Responsibilities:**

* Involved in building the **ETL architecture** and Source to Target mapping to load data into Data warehouse.
* Designed ETL process using **Talend Tool** to load from Sources to Targets through data Transformations.
* Developed advanced Oracle stored procedures and handled SQL performance tuning.
* Involved in creating the mapping documents with the transformation logic for implementing few enhancements to the existing system.
* Monitored and supported the Talend jobs scheduled through **Talend Admin Center (TAC).**
* Loaded data in to Teradata Target tables using **Teradata utilities (FastLoad, MultiLoad, and FastExport)** Queried the Target database using Teradata SQL and BTEQ for validation.
* Used Talend to Extract, Transform and Load data into Netezza Data Warehouse from various sources like Oracle and flat files.
* Created mapping documents to outline data flow from sources to targets.
* Prepare the Talend **job level LLD documents** and working with the modeling team to understand the Big Data Hive table structure and physical design.
* Involved in Dimensional modeling (Star Schema) of the Data warehouse and used **Erwin** to design the business process, dimensions and measured facts.
* Responsible for developing, support and maintenance for the **ETL** (Extract, Transform and Load) processes using Talend.
* Created **SSIS** Packages to back up the database and compress and zip the compressed database backup.
* Handled the Errors at Control and Data flow level in **SSIS Packages**.
* Maintained stored definitions, transformation rules and targets definitions using **Informatica** repository Manager.
* Used various transformations like Filter, Expression, Sequence Generator, Update Strategy, Joiner, Stored Procedure, and Union to develop robust mappings.
* Developed mapping parameters and variables to support **SQL override**.,**ESB services** and deployed them on **ESB servers** on different instances.
* Created **mapplets& reusable** transformations to use them in different mappings.
* Developed mappings to **load** into staging tables and then to **Dimensions** and **Facts.**
* Developed the Talend jobs and make sure to load the data into **HIVE tables & HDFS files** and develop the Talend jobs to integrate with Teradata system from **HIVE tables**.
* Design, Develop, Test, Implement and Support of Data Warehousing **ETL** using **Informatica**.
* Provided 24x7 **production support** for the **ETL** processes.
* Handled the Errors at Control and Data flow level in **SSIS Packages**.
* Maintained stored definitions, transformation rules and targets definitions using **Informatica** repository Manager.
* Used various transformations like Filter, Expression, Sequence Generator, Update Strategy, Joiner, Stored Procedure, and Union to develop robust mappings.
* Developed mapping parameters and variables to support **SQL override**.,**ESB services** and deployed them on **ESB servers** on different instances.
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**Talend ETL Developer – (March 2016 to March 2017)**

**Company Name - Baxter, Chicago**

**Industry: Healthcare**

**Environment: Talend Studio 6.0.1/5.5, Oracle 11i, XML files, Flat files, HL7 files, JSON, TWS, Hadoop 2.4.1, HDFS, Hive 0.13, HBase 0.94.21, Talend Administrator Console, IMS.**

**Project Description:**

Baxter, is an American diversified managed health care company based in California. It offers a spectrum of products and services through two operating businesses with a leading information and technology-enabled health services business. The project is to gather requirements from the clients, integrate all the Customer data and load into the Enterprise Data Warehouse and various Data Marts.

**Responsibilities:**

• Interact with Solution Architects and Business Analysts to gather requirements and update Solution Architect Document.

• Analyze and create **low level design document (LLD)** and **mapping document**.

•Performed **analysis, design, development, Testing and deployment** for **Ingestion, Integration, provisioning** using **Agile Methodology.**

• Attended **Daily Scrum** meetings to provide update on the progress of the user stories Rally and to the Scrum Master and to notify blocker and dependency if any.

• Experienced in creating Generic schemas and creating Context Groups and Variables to run jobs against different environments like **Dev, Test and Prod**.

• Created Talend Mappings to populate the data into dimensions and fact tables.

• Broad design, development and testing experience with Talend Integration Suite and knowledge in Performance Tuning of mappings.

• Involved in integrating different Database Applications using **SSIS** packages.

• • Creating SSIS packages that involves migration from legacy systems to centralized Database.

• Experienced in Talend Data Integration, Talend Platform Setup on **Windows** and **UNIX** systems.

• 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.

• Created Tables, Indexes, Partitioned Tables, Materialized Views, Stored Procedures and Packages in oracle and hive.

• Implemented Change Data Capture technology in **Talend** in order to load data to a DataWarehouse.

• 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.

• Experienced in SQL Server Reporting Services (**SSRS**), SQL Server Integration Services (**SSIS**), Data Transform Services (**DTS**) and SQL Server Analysis Services (**SSAS**).

**SQL BI /ETL Developer – (March 2015- September 2015)**

**Company Name – GT Konnect, Hyderabad- IN.**

**Industry: Marketing and Management.**

**Technical Environment: Informatica 8.6/IDQ, JIRA, Java, Maven, GIT, FLUX, Teradata, MySQL, Putty, XML, JUNIT, Hadoop, Apache Pig, Hive, Web Services, OBIEE, Microsoft Office, Oracle 10g/11g**

**Responsibilities:**

* Design, Develop, Test, Implement and Support of Data Warehousing **ETL** using **Informatica**.
* Used **JIRA** to create, implement and deploy **ETL** related stories.
* Participated in daily scrum and bi weekly iteration planning as part of agile environment.
* Research, analyze and prepare logical and physical data models for new applications and optimize the data structures to enhance data load times and end-user data access response times.
* Used **SQL** tools like **TOAD** to run **SQL queries** and validated the data.
* Created Java programs to read data from **web services** and load into **teradata**.
* Created Unit test environments for ETL processes using sql scripts**, JUNIT, HSQLDB** (In memory database) and **Liquibase.**
* Developed stored **procedures/views** in Teradata and used in Informatica for loading scoring tables.
* Performed ETL using different sources **like MYSQL tables, CSV, fixed length files** and loaded into **Teradata, HDFS** and **hive targets**.
* Manage and scheduled ETL jobs using **Informatica** Workflow manager in **development** and **production environment**.
* Prepare high level design document, detail design document, system requirement document, technical specifications, table level specs and test plan documents.
* Extract data from legacy systems to staging area and then cleanse, homogenize, process and load into the data warehouse.
* Develop **MERGE scripts** to **UPSERT** data into **Teradata** for an ETL source.
* Worked on writing **pig/hive/hcatalog** scripts to process huge data files like web clicks data.
* Used GIT as version control for the code and implemented branching for different environments.
* Provided 24x7 **production support** for the **ETL** processes.

**Informatica Developer - (September 2013-Febuary 2015).**

**Company Name – Axius Technologies Inc. , Hyderabad, India.**

**Industry: Global Taxation and Staffing.**

**Technical Environment: Informatica - Repository Manager, Informatica Power Center, Power Exchange , Windows, IBM DB2 , Mainframes, SQL Server, Erwin.**

**Responsibilities:**

* Worked on **Informatica - Repository Manager, Designer, Workflow Manager & Workflow Monitor**.
* Integrated data into CDW by sourcing it from different sources like **SQL, Flat Files** and **Mainframes (DB2) using Power Exchange**.
* Extensively worked on integrating data from **Mainframes** to **Informatica Power Exchange.**
* Extensively worked on Informatica tools such as **Source Analyzer, Data Warehouse Designer, Transformation Designer, Mapplet Designer** and **Mapping Designer** to designed, developed and tested complex mappings and **Mapplets** to load data from external flat files and **RDBMS.**
* Used output **xml files**, to remove empty delta files and to **FTP** the output xml files to different server.
* Worked with the Business Analyst team during the functional design and technical design phases. Designed the mappings between sources (external files and databases) to operational staging targets.
* Extensively used various transformations like **Source Qualifier, Joiner, Aggregators**, and Connected and **Unconnected lookups, Filters, Router, Expression, Rank Union, Normalizer, XML Transformations** and **Update Strategy & Sequence Generator**.
* Used **XML** transformation to load the data XML file. Worked on **Informatica** Schedulers to schedule the workflows.
* Extensively worked with **Target XSD's** in order to generate the output xml files. Created mappings to read parameterized data from tables to create parameter files. Good Experience in Co-Coordinating with Offshore.
* Conducted code reviewsdeveloped by my team mates before moving the code into **QA.**
* Experience in Batch scripting on windows, **Windows 32** bit commands, Quoting, Escaping.

**Educational Details:**

* Bachelors of Technology in ECE (2014) from ‘**Jawaharlal Nehru Technological University.’**
* Masters Of Science from ‘**Southern Arkansas University**’ inMCIS’(Computers and Information Science)- May 2017.