Rithesh Reddy

Mob:+1(484) 679-6964

Email:ritheshetlinfo@gmail.com

CAREER OBJECTIVE

To work as an Informatica developer for a leading technology company and perform quality data integration for various clients and to work with an organization which gives me ample amount of opportunities to learn & grow with the organization and to be a source of empowerment, inspiration & transformation for everyone around me.

PROFESSIONAL SUMMARY

* 7+ years of experience in managing Informatica Power center and other data transformation programs.
* Strong Data Warehousing ETL experience of using Informatica 9.6.1/9.5/9.1 Power Center Client tools - Mapping Designer, Repository manager, Workflow Manager/Monitor and Server tools.
* Experienced in Repository Configuration/using Transformations, creating Informatica Mappings, Mapplets, Sessions, Worklets, Workflows, Processing tasks using Informatica Designer / Workflow Manager to move data from multiple source systems into targets.
* Designed and developed complex mappings to move data from multiple sources into a common target area such as Data Marts and Data Warehouse using lookups, Source Qualifier, Router, Filter, Expression, Aggregator, Joiner, Normalizer, Sequence Generator, and Update Strategy from varied transformation logics in Informatica as well as performance tuning of mappings and sessions.
* Worked extensively with slowly changing dimensions.
* Expertise in Data Modeling using Star Schema/Snowflake Schema, OLAP/ROLAP tools, Fact and Dimensions tables.
* Experience in resolving on-going maintenance issues and bug fixes; monitoring Informatica sessions as well as performance tuning of mappings and sessions.
* Expert in debugging the problems and resolving issues.
* Extensive experience in writing UNIX shell scripts and automation of the ETL processes using UNIX shell scripting.
* Proficient in the Integration of various data sources with multiple relational databases like Oracle11g /Oracle10g/9i, MS SQL Server, DB2, Teradata, VSAM files and Flat Files into the staging area, ODS, Data Warehouse and Data Mart.
* Having solid involvement in utilizing Teradata utilities like TPT, FASTLOAD, MULTILOAD, and BTEQ scripts.
* Experience in working both Waterfall & Agile Methodologies.
* Ability to work with positive attitude, analyzing all kinds of situation with efforts and to work well under pressure and meet deadlines.
* Quickly adapting to the new environment and effective in working independently and in collaborative teams.

TECHNICAL SKILLS

|  |  |
| --- | --- |
| **Languages** | Java, XML, UNIX Shell Scripting, SQL, PL/SQL |
| **ETL Tools** | Informatica power center 9.6.1/9.5/9.1 |
| **Modeling** | Dimensional Data Modeling, Star Schema Modeling, Snow - flake Schema Modeling, Erwin, Microsoft Visio. |
| **Operating System** | Windows, Unix, Linux, MS-DOS |
| **RDBMS** | Oracle 10g/9i/8i, Teradata 14/12, DB2, SQL Server 2000/2005/2008, MySQL, Sybase |
| **Reporting Tools**  **QA Tools** | Cognos, Business Objects.  Quality Center |

PROFESSIONAL EXPERIENCE

**Target Corporation, Minneapolis, MinnesotaOct 2016 to till date Role: Informatica developer**

**Description:**Target Corporation is the second-largest discount store retailer in the United States, behind Walmart, and a component of the S&P 500 Index. Founded by George Dayton and headquartered in Minneapolis, Minnesota, the company was originally named Goodfellow Dry Goods in June 1902 before being renamed the Dayton's Dry Goods Company in 1903 and later the Dayton Company in 1910.

**Responsibilities:** 

* Worked with business analysts for requirement gathering (BRD), business analysis, and translated the business requirements into technical specifications to build the Enterprise data mart.
* Interacted with both Technical, functional and business audiences across different phases of the project life cycle.
* Worked on Informatica Power Center tools- Designer, Repository Manager, Workflow Manager, and Workflow Monitor.
* Developed mappings for fact and dimension tables using the various transformations to extract data from different source databases Oracle, SQL Server.
* Tuning the Teradata SQL queries to improve the performance of the queries.
* Designed and developed complex ETL mappings by making use of transformations like Source Qualifier, Joiner, Update Strategy, Connected Lookup and unconnected Lookup, Rank, Expression, Router, Filter, Aggregator and Sequence Generator transformations.
* Developed mappings in **Power center** for Job Monitoring and Data Validation.
* Created Workflows using various tasks like sessions, events raise, event wait, decision, e-mail, command, worklets, Assignment and worked on scheduling of the workflows.
* Used mapping parameters and variables.
* Prepared mapping specification document, which gives the data flow and transformation logic for populating each column in the data warehouse table.
* Used debugger to analyze the data flow between source and target to fix the data issues.
* Implemented audit and reconcile process to ensure Data warehouse is matching with the source systems in all reporting perspectives.
* Developed Teradata utilities to load external file data to custom table space for data mining.
* Prepared the Standard Operating Procedure (Knowledge Transfer) document, which provides necessary information, required for the Maintenance and Operation of the application.
* Created the release requests for QA Builds to include all the release requirements and involved in the implementation of QA, UAT and Production releases.
* Provided data loading, monitoring, System support and worked on data issues raised by end user during its production support phase.
* Create shell scripts to automate Informatica jobs, file processing on UNIX server.
* Scheduling of batch job in production according to system utilization.
* **Environment:**Informatica Power Center 9.6.1, Oracle 11g, SQL Server 2008, Teradata, Flat Files, UNIX Shell Scripting, TOAD.

**Axalta Coating Systems, Philadelphia, PA Sep 2015 to Sep 2016**  
**Role: Informatica developer**

**Description:**Axalta Coating Systems is a coatings company headquartered in Philadelphia, PA that develops and manufactures coatings for light and commercial vehicles, industrial, and refinish applications. The firm does business in 130 countries, has nearly 13,000 employees, and has more than 100,000 customers.

The main objective of this project shared data Repository is to capture new vitality program customer’s data, policies and group policies. Data is coming from various sources like SQL Server, Mainframe etc. which will be loaded in to EDW based on different frequencies as per the requirement. The entire ETL process consists of source systems, staging area, Data warehouse and DataMart.

**Responsibilities:**

* Involved in Data Extraction,Transformationand Loading (ETL process) from Source to target systems using Informatica.
* Performed data cleansing and transformation using Informatica.
* Worked extensively with Designer tools like Source Analyzer, warehouse Designer, Transformation Developer, Mapping and Mapplet Designers.
* Created data mappings to extract data from different source files, transform the data using Filter, Update Strategy, Aggregator, Expression, Joiner Transformations and then loaded into data warehouse.
* Involved in full software development lifecycle from the throughout the development and support finance industry using **Informatica Power Center**, Repository Manager, Designer, Workflow Manager, and Workflow Monitor.
* Experience in **ETL** processes utilizing **Informatica Power center** tools to design data conversions from a variety of relational, XML and flat file source systems to **data warehouse/data marts**.
* Developed ad-hoc queries on Teradata system for summarizing business operations and trends.
* Implemented Slowly Changing dimension type1, type2 and type3 methodologies for accessing the full historyof accounts and transaction information.
* Used Update Strategy Transformation to update the Target Dimension tables, type1, type2 and type3 updates wherewe insert the new record and update the old record in the target so we can track the changes in the future.
* Developed Teradata utilities to load external file data to custom table space for data mining.
* Developed various mapplets that were included into the mappings.
* Used Workflow Manager to read data from sources, and write data to target databases and manage sessions.
* Created deployment groups to migrate the objects from Dev to QA and QA to Production environment.
* **Environment:** Informatica 9.6.1,Oracle, Flat Files, Teradata, SQL Server 2008 R2, Windows, TOAD.

**Client: Care Source, Dayton, OH Jan 2014 to Aug 2015**  
**Role: Informatica developer**

**Description:**Care Source is a nonprofit managed health care plan headquarters in Dayton, Ohio. It is the largest Medicaid plan in Ohio and second largest in the United States. As an ETL developer I was involved in creating various logical mappings for the Enterprise Data Warehouse based on the business requirements that carry the data related to the customer having information about Bill Payment, Dues, Contract details, Plan Details etc.

**Responsibilities:**

* Involved in all phases of SDLC from requirement, design, development, testing and support for production environment.
* Extensively used Informatica Client tools like Informatica Repository Manager, Informatica Designer, Informatica Workflow Manager and Informatica Workflow Monitor.
* Loaded data in to the Teradata tables using Teradata Utilities Bteq, Fast Load, Multi Load, and Fast Export, TPT.
* Created Sources, Targets in shared folder and developed re-usable transformations, mapplets and user defined function (UDF) to re-use these objects in mappings to save the development time.
* Developed mappings using Mapping Designer and worked with Aggregator, Lookup (connected and unconnected), Filter, Router, Joiner, Source Qualifier, Expression, Stored Procedure, Sorter and Sequence Generator transformations.
* Created mappings which involved Slowly Changing Dimensions Type 1 and Type 2 to implement business logic and capturing the deleted records in the source systems.
* Involved in migration projects to migrate data from data warehouses on Oracle/DB2 and migrated those to Teradata.
* Experience with high volume datasets from various sources like Oracle, Text Files and Teradata Tables and XML targets.
* Used debugger extensively to identify the bottlenecks in the mappings.
* Modified PL/SQL stored procedures for Informatica mappings.
* Created Sessions and Workflows to load data from the SQL server, flat file and Oracle sources that exist on servers located at various locations all over the country.
* Configured the session properties i.e. high value for commit intervals to increase the performance.
* Involved in unit testing, Integration testing and User acceptance testing of the mappings.
* Involved in Migrating the Informatica objects using Unix SVN from Dev to QA Repository.
* Worked on developing workflows and sessions and monitoring them to ensure data is properly loaded on to the target tables.
* Responsible for scheduling workflows, error checking, production support, maintenance and testing of ETL procedures using Informatica session logs.

Performance tuning on sources, targets mappings and SQL (Optimization) tuning.

* **Environment:** Informatica Power Center 9.1.1/8.6.1, Flat Files, Oracle 11g, Teradata 12/13, SQL, PL/SQL, TOAD, SQL Assistant, Windows XP, Unix, Maestro, SVN.

**Intelli Asia pvt ltd, Hyd, IndiaOct 2012 to Jan 2014**  
**Role: Informatica developer**

**Description:**Intelli Asia have been able to revolutionize the face of marketing by applying mobile strategies for some of the leading retail chains of the world. They provide services across all processes from management consulting, business application, enterprise solutions to enterprise collaboration. They also provide testing and assurance services, BPM and infrastructure management services. Intelli Asia has seen tremendous growth since its inception is experienced in retails, manufacturing, insurance, banking, healthcare, education, media, business intelligence, automotive, mobile computing and embedded solutions.

**Responsibilities:**

* Interacting with Business Owners for requirement gathering and analysis to define Business and Functional specifications.
* Coordination with different teams during development/design.
* Create batch architecture document, design document and data map for ETL rules that is scalable for application high volume data.
* Develop Informatica Power center batch architecture to extract, transform and load data from different sources like oracle, flat files and XML files sent by third parties.
* Design ETL Informatica Transformations including - Source Qualifier, Connected - Unconnected Lookup, Filter, Expression, Router, Joiner, Rank, Aggregator, Sorter and Sequence Generator, XML parser, Normalizer, SQL transformation, store procedure, update strategy and transaction control transformation and created complex mappings.
* Develop code using Informatica best practices and considering performance of the jobs.
* Maintenance and enhancement of ETL Code for loading transactional data into the system.
* **Environment:** Informatica 9.5, SQL Server 2008 R2, Windows, TOAD.

**Zenq ltd,Hyderabad, IndiaOct 2011 to Sep 2012.**  
**Role: Informatica developer**

**Description:**ZenQ is a leading provider of pure-play software testing services to clients across the globe. They offer a comprehensive range of value-added testing solutions that are of the highest quality and efficiency that help our customers build quality products.

**Responsibilities:**

* Worked with source system developers and business owners to identify data sources for defining data extraction methodologies.
* Analyzed complex ETL requirements/tasks and provided estimates etc.
* Created complex mappings in Power Center Designer using Sequence Generator, Joiner, Expression, Filter, Union, Lookup, Aggregate, XML Source Qualifier and Stored procedure transformations.
* Created reusable Tasks, Sessions, reusable Worklets and workflows in Workflow manager.
* Created mappings to perform the tasks such as cleaning the data and populate that into staging tables, Populating the Enterprise Data Warehouse by transforming the data into business needs & Populating the Data Mart with only required information.
* Implemented Slowly Changing Dimensions as per the requirements.
* Worked with Informatica Administrator to setup project folders in development, test and production environments.
* Worked with the Quality Assurance team to build the test cases to perform unit, Integration, Functional and performance Testing.
* **Environment:** Informatica 9.5, SQL Server 2008 R2, Windows.

**Cybage software private ltd,Hyd, IndiaAug 2010 to Sep 2011.**  
**Role: Informatica developer**

**Description:**Cybage Software is a technology consulting organization specializing in outsourced product engineering services. As a leader in the technology and product engineering space, Cybage works with some of the world's best Independent Software Vendors (ISVs). Our solutions are focused on modern technologies, and are enabled by a scientific, data-driven system called the Decision Mines Platform of Digital Excellence. This unique model de-risks our approach, provides better predictability, and ensures a better value per unit cost to our clients.

**Responsibilities:**

* Performed major role in understanding the business requirements and designing and loading the data into data warehouse (ETL).
* Logical and Physical design of databases using Erwin. Extensively used Erwin 7 for data modeling and dimensional data modeling.
* Used Informatica client tools - Source Analyzer, Warehouse designer, Mapping Designer, Mapplet Designer, and Transformation Developer for defining Source & Target definitions and coded the process of data flow from source system to data warehouse.
* Used ETL (Informatica) to load data from source to ODS. Built two administrative utilities (Execution Broker and Workflow Monitor) in Informatica.
* Created new mappings and updating old mappings according to changes in Business logic.
* Developed mappings in Informatica to load the data from various sources into the Data Warehouse, using different transformations like Joiner, Aggregator, Update Strategy, Rank, Router, Lookup, Sequence Generator, Filter, Sorter, and Source Qualifier.
* Used Informatica Workflow Manager and Workflow Monitor to schedule and monitor session status.
* Used Debugger to troubleshoot the mappings.
* Worked on database connections, SQL joins, cardinalities, loops, aliases, views, aggregate conditions, parsing of objects and hierarchies.
* Used shell scripts for post session operations.
* Implemented performance tuning logic on Targets, Sources, mappings, sessions to provide maximum efficiency and performance.
* **Environment:**Informatica Power Center 9.1, Oracle 10g, Flat files, SQL, PL/SQL, Business Objects 6.5, TOAD, Erwin 7, UNIX Shell Script, Windows Server 2003.

EDUCATION:

Bachelor’s in Mechanical Engineering GPA 3.5