**Rohini Shivanapura**

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**PROFESSIONAL SUMMARY:**

* Over 6+yearsof experience in Data warehousing and ETL using Informatica **PowerCenter9.x/8.x/7.x**.
* Involved in full lifecycle of various projects, including requirement gathering, system designing, application development, enhancement, deployment, maintenance and support.
* Had experience in data modeling using **Erwin**, **Star Schema** modeling and **snow flake** modeling, FACT and dimensional tables, physical and logical modeling.
* Have good understating on Data warehousing concepts(Kimball/Inman).
* Experience in dealingwith various data sources like Oracle 11g/10g/9i/8i,SQL server 2008R2/2008/2005, DB2, MS-Access, MS-Excel, flat files and Teradata.
* Worked extensively on different types of transformations like **Filter, Expression, Source Qualifier, Router, Union, Aggregator, Sequence Generator, Sorter, Rank, look up, Normalizer, Update strategy and stored procedure**.
* Good experience in using Oracle PL/SQL to create stored procedures, functions, packages and triggers.
* Extensively worked on Session partitioning techniques using different Informatica partitioning techniques to optimize the load time.
* Experience in debugging and **performance tuning** of Targets, Sources, Mappings and sessions.
* Worked on Logical and Physical design of the Data Warehouse, Identified Source/Targets and analyzed source data for dimension modeling.
* Complex Report Building Experience by using native SQL, Filters, Prompts, Conditional Formatting, Dashboard Reporting using Master/Detail queries, Ranking, Drill-through, Cross tabs and performance tuning the cognos reports.
* Experience in developing Shell scripts on UNIX.
* Experience in migrating the workflows, sessions and mappings to a different environments using Repository manager.
* Created Documentation of the ETL processes and also involved in Production Support.
* Have performed various testing activities like unit testing, Integration-system Testing and user acceptance testing and ensured that the code is ideal.
* Motivated team player, outstanding organizational skills, excellent communication and Inter-personal skills.

**TECHNICAL SKILLS:**

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| **ETL Tools** | InformaticaPowerCenter 9.x/8.x/7.x, InformaticaPowerExchange 8.6.1 |
| **Reporting Tools** | Business Objects 6.X, Crystal Reports 8.0/8.5, Jasper Reports, Cognos |
| **Testing Tools** | MS Visio, Oracle SQL Developer, Quality Center, Silent Upgrade |
| **Databases** | SQL Server 2008R2/2008/2005, DB2, Teradata TD13/TD12, Oracle 11g/10g/9i/8i, MS-Access2000/7.0 |
| **Languages** | SQL, PL/SQL, C, C++, XML, UNIX Shell Scripting |
| **Data Modeling** | Erwin data modeler |
| **Operating System** | Windows 7/Vista/XP/2000/NT/98/95, MVS |

**PROFESSIONAL EXPERIENCE:**

**Client: Mayo Clinic, Rochester, MN. October 2013 to Present**

**Role: Informatica Developer.**

Mayo Clinic is a nonprofit medical practice and medical research group based in Rochester, Minnesota.It is the first and largestintegrated nonprofit medical group practice in the world, employing more than 3,800 physicians and scientists and 50,900 allied health staff.

**Responsibilities:**

* Designed and developed Informatica mappings and sessions based on user requirements and business rules to load data from source flat files and RDBMS tables into Teradata Data Warehouse.
* Created mapping documents to outline data flow from sources to targets.
* Created different mappings to load the data into different stages like Landing, staging and Target tables.
* Used various transformations like Expression, Filter, Router, Sorter, Joiner, Sequence Generator, Aggregator, connected and unconnected lookup, updated strategy, connected and unconnected stored procedure.
* Created shortcuts, reusable transformations and mapplets and used them complex mappings.
* Responsible for designing, developing and implementing the ETL process which include the incremental load strategy and Full load.
* Created PL/SQL stored procedures, scripts, materialized views and views based on reporting requirements.
* Implemented **performance tuning** logic on targets, sources, mappings, sessions to provide maximum efficiency and performance.
* Applied slowly changing dimensions like **type 1** and **type 2** effectively to handle the delta loads.
* Monitored incremental and full load of data extraction through Data Warehouse Administration Console (DAC) and Informatica.
* Migrated the workflows and scripts from development environment to test and production environment.
* Actively involved in production support and also transferred the knowledge to the other team members.

**Environment:**Informatica Power Center 9.1/8.6, Oracle 11g/10g, DB2, Flat files, Teradata, PL/SQL, UNIX Shell Script .

**Client: Wellington Management, Marlborough, MA. January 2013 to October 2013**

**Role: Informatica Developer.**

Wellington Management Company is a private, independent investment management company. The firm has client assets under management totaling over US$758 billion, and serves as investment advisor for over 2,100 institutional clients in over 50 countries.Assets are invested using a broad range of asset classes and investment approaches. The company invests in the public equity, fixed income and alternative markets all around the world.

**Responsibilities:**

* Participated in Requirement Gathering, Business Analysis and User meetings, discussing the issues to be resolved and translating user inputs into ETL design documents.
* Developed complex mappings in Informatica to load the data from various sources using different transformations.
* Created sessions, configured workflows to extract data from various sources, transformed data, and loading into data warehouse.
* Extracted the data from **Oracle, DB2, Flat files** and load the data in to Teradata database.
* Identified the performance bottlenecks and tuned Informatica mappings for better performance.
* Created PL/SQL Stored procedure construct to automate the checking of status of target database before loading data into it.
* Created PL/SQL stored procedure to drop and re-create indexes during pre and post loading of database tables respectively.
* Developed and modified **UNIX shell scripts** to meet the requirements after the system modifications and was also involved in monitoring and maintenance of the batch jobs.
* Established automatic email notifications to the concerned persons.
* Scheduled workflows for daily, weekly and monthly loads.
* Responsible for migrating the code to from DEV repository to QA and PROD repository.
* Create test plans and written test cases while doing unit testing, integration testing.
* Participated in status review meeting.

**Environment:** Informatica Power Center 8.5, DB2, Oracle 10g, Business Objects, SQL, PL/SQL, Flat files, UNIX Shell Script.

**Client: Highpoint Insurance, Red Bank, NJ.May 2010 to November 2012**

**Role: ETL Developer.**

**Responsibilities:**

* Analyzed the systems, met with end users and business units in order to define the requirements.
* Created mappings using various transformations like update strategy, lookup, Router, Filter, Aggregator for Extracting Data from Flat Files according to the requirements and loading it into the Data mart.
* Generated and Executed SQL Queries to be fired on the Repository Tables to analyze the results of the Sessions.
* Involved in preparing detail design document, developing ETL documents.
* Extracted data from various source systems like, Oracle and Flat files.
* Data migration from one environment to another using Informatica.
* Worked on server to run the sessions and batches concurrently and sequentially.
* Used SQL tools like TOAD to run T-SQL queries and validate the data loaded into the target.
* Handling of rejected records, errors and reporting it to the client on daily basis.
* Worked extensively on enhancements on multiple reusable components in business logic in Informatica.
* Extensively worked in the performance tuning of programs, ETL procedures and processes.
* Worked along with the QA team and provided production support by monitoring the processes running daily.

**Environment: Informaticapowercenter 8.5, SQL, Toad for Oracle 9.6.1, DB2,Cognos, MS tools, UNIX, Windows 2000.**

**Client: ICICI Bank, Bangalore, India July 2008 to May 2010**

**Role: ETL Developer.**

ICICI Bank is India’s second largest bank with 614 branches and over 2,200 ATMs.The system’s primary responsibilities were to give current information of details of customers, details of deposits, cash status, and credit information to the administrative division and also to give details of deposits to the customersand load the data into warehouse.

**Responsibilities:**

* Interacting with business users for gathering, understanding & analyzing the business requirements.
* Involved in review and finalizing the technical specs of source-target mapping documents.
* Designed and developed new mappings in Mapping designer and sessions and workflows in Workflow manager and modified existing ones to extract data from SQL Server, Excel, and Flat files and load to Oracle database as per business requirements.
* Writing validation packages using PL/SQL package.
* Developed Installation scripts for all the deliverables.
* Worked Extensively on Informatica tools–Repository Manager, Designer, Workflow Manager and Workflow Monitor.
* Implemented SCD type 2 to keep track of historical data.
* Familiar with parameter file and its usage.
* Used SQL\*Loader for bulk loading the data into the target tables.
* Generated various UNIX Shell scripts for automating daily load processes.

**Environment: Informaticapower center 7.1.1, Oracle 9i, PL/SQL,SQL Server,Unix.**

**References are Available upon Request**