### SHARADHA

**ETL Informatica Developer**

**PROFESIONAL SUMMARY**

* Over 8 years of experience in Information Technology in Analysis, Design and Development of software applications. Expertise in development of Data warehousing solutions using **Informatica Power Center 10.x/9.6/9.5.1and Power Mart 7.1.1 /6.2, Powerconnects.**
* Expertise in Implementation of Enterprise Data warehouses using **Informatica Power Center 10.x/9.5/** and **Power Mart 6.2.1 / 5.x**, and Decision Stream
* Expertise in working with **Oracle 12c/11g, SQL server 2014/ 2008, DB2, Sybase and Teradata, Oracle EBS.**
* Experience in the field of Data warehouse using ETL tools such as Informatica Power Center 10x/9.6/8x/7x, Power Mart 9x/8x databases as DB2, Oracle, MS SQL Server and **Teradata**.
* worked with Teradata utilities like BTEQ, Fast Export, Fast Load, Multi Load to export and load data to/from different source systems.
* Created SSIS Packages using SSIS Designer for export heterogeneous data from OLE DB Source (Oracle), Excel Spreadsheet to SQL Server 2008/2014.
* Worked in Informatica MDM Hub Informatica IDD
* Expertise in Sybase IQ Server(data warehouse)
* Excellent T-SQL development skills to write complex queries involving multiple tables, great ability to develop and maintain stored procedures, triggers, user defined functions.
* Experience in using **SSIS** tools like Import and Export Wizard, Package Installation, and SSIS Package Designer.
* Experience in **importing/exporting**data between different sources like Oracle/Access/Excel etc. using SSIS/DTS utility.
* Experience in ETL processes involving migrations and in sync processes between two databases.
* Designed developed and implemented Master Data Management solution Customer Party MDM Domain using MDM 9.6.1.
* Knowledge on creating ODI procedures to create and populate in target systems. Having idea about KM customization. Knowledge on Deployment from DEV to SIT to UAT and PROD.
* Hands on experience using query tools like TOAD, SQL Developer, PLSQL developer, **Teradata SQL**.
* Extensively worked with **Stored Procedures, Triggers, Cursors, Indexes, Functions and SSIS Packages and even in data cleaning, data profiling using Informatica tools.**
* Experience in **UNIX shell scripting, CRON, FTP and file management in various UNIX environments and JavaScript environment.**
* Knowledge of different **Schemas (Star and Snow Flake)** to fit reporting, query and business analysis requirements.
* Projects done based on the Informatica cloud, the Informatica designer cloud that consists of designing techniques and cloud data integration that is huge bulk of data is handled. The enterprise data integration which consists of power center and power exchange, the power center used is **Informatica 9.5.1.**

**TECHNICAL SKILLS:**

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| --- | --- |
| Data Warehouse Tools | **Informatica Power Center 9.6/9.5**/8.x/7.x, Data Stage, Informatica Power Analyzer/Power mart 9x, Informatica Data Quality 9.5 (IDQ) |
| Operating System | Windows XP/Vista 08/07, **Unix, Linux, IBM Mainframes, Putty, WinSCP** |
| Databases | **Oracle 11g/10g/9i, MySQL, SQL Server 08/05, Teradata,** MS Access |
| Reporting Tools | **SAP BO, SSRS, SSAS** |
| Dimensional Data Modeling | Dimensional Data Modeling, Star Join Schema Modeling, Snow-Flake, Modeling**, Erwin**. |
| Testing | UAT, Functional, ETL |
| Data Base Tools | **Oracle SQL Developer, SQL Plus, SQL Loader, TOAD**, Netezza 6.0/7.0, MS office, Microsoft Visio, OLTP/OLAP |
| Languages | **SQL, PL/SQL, XML, Unix Shell Scripting, Cobol** |
| Dimensional Data Modeling | **Dimensional Data Modeling, Star & Snow Flake modeling, Erwin** |

**PROFESSIONAL EXPERIENCE:**

**Williams Inc, Tulsa, OkNovember2017-April 2018**

**Role: ETL Developer**

**Williams** is one of North America's leading natural **gas companies** with gathering, processing and transmission in critical basins and markets across the country.

**Responsibilities:**

* Design, development, testing, performance tuning, deployment, and support in **Data warehouse** system.
* Worked with various Sources such as **Oracle, SQL Server,DB2,Teradata** and Flat/Excel files
* Developed strategies for data extraction from various source systems, transformation and loading into data warehouse target systems.
* Participated and architected in schema, object design discussion.
* Worked to improve the efficiency of data warehouse application through the use of **indexes, compression, materialized views** and other techniques
* Define and implement **ETL** development standards and procedures for data warehouse environment.
* Lead the design of the ETL solution; oversee the ETL low-level design and design phase deliverables
* Responsible for performing T-SQL tuning, multi-tasking and optimizing queries for reports which take longer time in execution with SQL Server 2008/2005.
* Created Complex ETL Packages using **SSIS** to extract data from staging tables to partitioned tables with incremental load.
* Created SSIS Reusable Packages to extract data from Multi formatted Flat files, Excel, XML files into UL Database and DB2 Billing Systems.
* Developed, deployed, and monitored SSIS Packages.
* Created SSIS Packages using SSIS Designer for export heterogeneous data from OLE DB Source (Oracle), Excel Spreadsheet to SQL Server 2005/2008.
* Performed operations like Datareconciliation, validation and error handling after Extracting data into SQL Server.
* Worked on **SSIS Package**, DTS Import/Export for transferring data from Database (Oracle and Text format data) to SQL Server.
* As a developer I was responsible for the systems study, analysis, understanding systems design and database design.
* Designed and created SQL Databases, tables, indexes, and views based on user requirements.
* Worked with the application developers and provide necessary SQL Scripts using T-SQL.

**Environment:** Informatica Power Center 9.1,Oracle 10g/9i, SQL, PL/SQL, SQL\*Plus, Sybase, XML files, Sun Solaris 5.8, Windows 7/8, TOAD 7.0, PL/SQL Developer, Crystal Reports XI, MS Excel, Import Wizard, Central Management Console, Info View, True Task Scheduler, SQL Server Management Studio

**Health first New York Jan 2017-November 2017**

**ETL Application Software Engineer**

Health first provides managed care services targeted to government-sponsored health care programs, focusing on Medicaid and Medicare. The company serves more than 2.5 million members nationwide.

**Responsibilities:**

* Developed mappings to extract data from SQL Server, Oracle, Teradata, SFDC, SIEBEL, Flat files to load into Teradata using the PowerCenter.
* Used Informatica **PowerCenter 10.x,9x/8.6.1/8.5** and its all features extensively in migrating data from OLTP to Enterprise Data warehouse.
* Proficiency in **HL7** on standards for interoperability of health information technology.
* Involved in analyzing and development of the **Data warehouse**.
* Performed tuning and optimization of complex **SQL queries** using Teradata Explain.
* Expert level knowledge of complex SQL using Teradata functions, macros and stored procedures.
* Experience in upgrading from Informatica version **9.6 to 10.1**.
* Used ODI commands like ODIFile\_Move, odiFileAppend, odiFilecopy etc.
* Created ODI packages, scenarios using interfaces, variables, procedure
* Used **ETL/SSIS** and **T-SQL** stored procedures to transfer data from **OLTP** databases to staging area and finally transfer into data marts and performed action in XML.
* Created complex mappings in Power Center Designer **using Aggregate, Expression, Filter, and Sequence Generator, Update Strategy, Union, Lookup, Joiner, XML Source Qualifier and Stored procedure transformations.**
* Used Pentaho Data Integration Designer to create ETL transformations
* Design and development for the Crystal Reports which work as a feed for the dashboard.
* Cleanse and Scrub the Data in uniform data type and format applying **MDM** Informatica and **IDQ** tools and Load to STAGE and HUB tables and then to the EDW and Finally to Dimension and rollup/aggregate the data by the business grains into the FACT tables.
* Worked on power exchange to create data maps, pull the data from mainframe, and transfer into staging area.Wrote numerous BTEQ scripts to run complex queries on the Teradata database.
* Developed Complex transformations, Mapplets using Informatica to Extract, Transform and load (ETL) data into Data marts, Enterprise Data warehouse (EDW) and Operational data store (ODS).
* **Handled slowly changing dimensions (Type I, Type II and Type III) based on the business requirements.**
* Parsing a document selectively, that is, retrieving selected data and ignoring the rest using **HL7**.
* Used Informatica **Power Center Workflow manager** to create sessions, batches to run with the logic embedded in the mappings.
* Loaded Data from different sources using PL/SQL routines, UTL\_FILE, EXTERNAL TABLES to the oracle database tables.
* Used ETL (SSIS) to develop jobs for extracting, cleaning, transforming and loading data into data warehouse.  Wrote **PL/SQL stored procedures**& triggers, cursors for implementing business rules and transformations.

**Environment:** Informatica PowerCenter 10x/9x/8.6.1/8.5 (Power Center Repository Manager, Designer, Workflow Manager, and Workflow Monitor), Teradata 13, Teradata Manager, SQL Server 2012, DB2 8.1, XML, Autosys, Oracle 12c/10g, TOAD, SQL, PL/SQL, UNIX, Active

**Truven Health Analytics, Troy, NY Dec 2015– Nov 2016**

**Role: Informatica ETL/ Report Developer**

**Responsibilities:**

* Developedmappings/Reusable Objects/Transformation/Mapplets by using mapping designer, transformation developer and Mapplets designer in **Informatica Power Center 9.6/9.5/9.1.**
* Involved in Design and development of new **data warehouse (Analytical Data Warehouse)** for better Reportingand analysis.
* Involved in Data Modeling of the Oracle Database and Debugging Stored Procedures.
* Worked on developing Informatica Mappings, Mapplets, Sessions, Worklets and Workflows for data loads.
* Created complex mappings in **Power Center Designer** using Aggregate, Expression, Filter, and Sequence
* Generator, **Update Strategy**, Union, Lookup, Joiner, XML Source Qualifier and Stored procedure transformations.Using delimiters to define the source document structure for **HL7** standards.
* Developed Mappings which loads the data in to Teradata tables with SAP definitions as Sources.
* Analyzed complex ETL requirements/tasks and provided estimates/ETCs.
* Information is stored in table definitions in the repository and is entered using the Datastageimport/export options.
* Good Knowledge on**applying rules and policies using ILM (Information Life Cycle Management) workbench for Data Masking Transformation**and loading into targets.
* Worked as in **ILM architect**to design and implement Informatica ILM products with proper strategy which includes **Data Masking, Data Archival.**
* Primary activities include data analysis identifying and implementing data quality rules in IDQ and finally linking rules to power center ETL process and delivery to other data consumers.
* Used advanced features of **T-SQL** in order to design and tune T-SQL to interface with the Database and other applications in the most efficient manner and created **stored Procedures** for the business logic using T-SQL.
* Worked on **UNIX** and Oracle SQL Developer to develop queries and **create procedures** and Package Oracle.
* Worked with data warehouse staff to incorporate best practices from Informatica.
* Developed complex mappings and SCD type-II mappings in Informatica to load the data from various source to ODS tables.Hands on experience with data steward tools like data merge and hierarchy manager in MDM.
* Used Informatica to extract data from DB2, **HL7**, XML and Flat files to load the data into the Teradata
* Created and modified Informatica Mappings and Workflows to load flat files to Oracle database.
* Data Loads to warehouse by extracting data from sources like Oracle and Delimited Flat files.
* Worked with **ETL Migration Team** and Migrated Informatica folders from Dev to Test repository
* Profiled the data using **Informatica Analyst** tool to analyze source data (Departments, party andaddress) coming from Legacy systems and performed Data Quality Audit.
* Performed Unit testing, Integration testing, and coordinated with QA for **UAT** for code change and enhancement.
* Developed mappings in Informatica to stack the information from different sources into the Data Warehouse, utilizing distinctive changes like Source Qualifier, JAVA, Expression, Lookup, Aggregate, Update Strategy and Joiner.
* Used ODI 11g/12c for extraction, loading and transformation ETL of data in the data warehouse
* Worked with various IDQ transformations like Standardizer, Match, Association, Parser, Weighted Average, Comparison, Consolidation, Decision, and Expression.
* Working with Different Teradata source systems to analyze data and load it into the Data warehouse.
* Developed complex Talend ETL jobs to migrate the data from flat files to database
* Implemented custom Error handling in Talend jobs and worked on different methods of logging
* Followed the organization defined Naming conventions for naming the Flat file structure, Talend Jobs and daily batches for executing the Talend Jobs
* Study and analyze source data systems in terms of business usage and data quality. Active involvement in data model design and MDM configuration proposal and data profiling.
* Worked on **Informatica profiling** for huge number of health care data.
* Created action filters, parameters and calculated sets for preparing dashboards and worksheets in Tableau.

**Environment**: Informatica Power Center 9.5/9.1, CDMA, ABC, Facets, Toad, Tidal, Teradata, Fast load, Fast export, BTEQ, Unix, Informatica servers on Unix Putty, TOAD, MS VISIO, MS Office Suite, TDQ, Oracle, MVS, oracle 11g,SQL Server, Windows NT/2000.

**BCBS Insurance, NC June 2014 – Sept 2015**

**Role:Informatica ETL/ Report Developer**

Blue Cross and Blue Shield companies offer a variety of insurance products to all segments of the Population, including large employer groups, small business and individuals.

**Responsibilities:**

* Design and Development of ETL routines, using **Informatica Power Center 9.5.1** Within the **Informatica** Mappings, usage of Lookups, Aggregator, Ranking, Mapplets, connected and unconnected Lookups, and source filter usage in Source qualifiers and data flow management into multiple targets using Router was extensively done also designed and reported **using power connect Informatica from external systems like SAP,DB2.**
* Migrated data from different sources (text based files, Excel spreadsheets, and Access) to SQL Server databases using SQL Server Integration Services (SSIS).
* Involved in migration of Datastage projects and jobs from earlier versions to IBM Info Sphere 8.0.1 version
* Preparation of technical specification for the development of **Informatica Extraction**, Transformation and Loading (ETL) mappings to load data into various tables in **Data Marts and defining ETL** standards.
* Developed mappings using Informatica to load the data from sources such as Relational tables, Flat files, Oracle tables into the target **Data warehouse**.
* Define and build best practices regarding creating business rules within the Informatica MDM solution
* Experience with Vertica and **Teradata** environments and its tool set
* Design and Developed pre-session, post-session tasks for the workflows.
* Implemented slowly changing dimensions methodology and developed mappings to keep track of historical data.
* Extensively used Informatica **Power Center** Workflow manager to create sessions, workflows and batches to run with the logic implanted in the mappings.
* Expertise in Migration of objects from Oracle databases to Teradata.
* Extensively worked on **Mapping Variables, Mapping Parameters, Workflow Variables and Session Parameters.**
* Created SSIS Reusable Packages to extract data from Multi formatted files, Excel, XML files into EDW Database.
* Used the Workflow manager to create **workflows, Worklets and tasks.**
* Developed **Session Parameter files** for the workflows.
* Used the Informatica command line utility pmcmd to start and schedule the workflows by setting a **cronjobs** and wrote **Unix Shell scripts** to create preand post session commands.
* Code migration from **development Repository to Test to Production Repository.**
* Responsible for creating new users and folders for individual developers.
* Creating BTEQ **(Basic Teradata Query)** scripts to generate Keys.
* Extracted the data from various Flat files and Loaded in **Data warehouse** Environment and written Unix Shell scripts to move the files across the Servers.
* Created export scripts using **Teradata Fast Export Utility**.
* Worked on building ETL data flows that works natively on HADOOP and developed multiple Map Reduce jobs in Java for data cleaning and preprocessing
* Utilized the Informatica Data quality management **suite (IDQ and IDE**) to identify and merge customers and addresses.
* Developed complex Datastage jobs according to the business requirements / mapping documents.
* **Daily Interactions with End-to-End(E2E**) team for defining the project requirements, based on understanding of the business needs and help them in analysis sessions
* Used Pipeline partitioning to improve Session performance.
* Upgraded the **Informatica Power Center version from V9.1.0 to V9.5.1**
* **Created configured and scheduled the sessions and Batches** for different mappings using workflow manager and using UNIX scripts.

**Environment:** Informatica Power Center 9.1,Oracle 10g/9i, SQL, PL/SQL, SQL\*Plus, Sybase, XML files, Sun Solaris 5.8, Windows 7/8, TOAD 7.0, PL/SQL Developer, Crystal Reports XI, MS Excel, Import Wizard, Central Management Console, Info View, True Task Scheduler, SQL Server Management Studio

**CITI Group, Chicago, IL April 2012- March 2014**

**Role: Informatica ETL/ Report Developer**

The primary aim of this project is to integrate the data sources from existing system and to provide analysis to make business related decisions.

**Responsibilities:**

* Interpreted logical and physical data model for business users to determine common data definitions and establish referential integrity of the system.
* Developed strategies for Incremental data extractions as well data migration to load into the Teradata.
* Star Schema was used to design the warehouse.
* Experience in Business analysts and the DBA for requirements gathering, business analysis, designing and documentation of the **data warehouse**.
* Developed **BTEQ** scripts to load data to Teradata and developed UNIX scripts to access Teradata.
* Worked extensively on **Source Analyzer, Mapping designer, Warehouse Designer.**
* Developed sev988888eral Mappings and Mapplets using corresponding Source, Targets and Transformations.
* Extensively used almost all Transformations such as **Filter, Aggregator, Expression, Router, Lookup, Update Strategy, Sequence Generator, and Rank.**
* Had to create Datastage jobs instantly on demand for moving data from Sybase ASE (OLTP) to Green Plum and Sybase IQ for testing purposes.
* Configured and used secured **FTP by the Informatica Server to access source and target files.**
* Schedule, Run and monitor sessions by using **Informatica Server Manager.**
* Developed Workflows with various **Tasks and Parameter files.**
* Expertise in using different tasks **(Session, Assignment, Command, Decision, Email, Event-Raise, Event- Wait, Control).**
* Used ETL for efficient mapping and transformation techniques and processed the data from various source to **Teradata** target tables.
* Used Datastage Designer to develop parallel jobs to extract, cleanse, transform, integrate and load data into Data Warehouse.
* **Defined Target Load Order Plan** and Constraint based loading for loading data appropriately into multiple Target Tables.
* **Server Administration (startup / shutdown, configuring the services)** and system Maintenance (Log analysis, backups and archival).
* **Migration of Informatica components** from development to QA and Production Environment.

**Environment:** Informatica 8x/7x/5.2/6.2, ORACLE 8i/9i, UNIX, Windows NT 4.0, UNIX Shell Programming, PL/SQL, Business Objects 4.7, TOAD Quest Software, Business Objects XI R3.1/RI 2.0, Business View Manager, , MS Excel, Live Office.

**Miles Technologies, Bloomington NY April2011-Feb 2012**

**Role:Informatica ETL**

This was projected to assist Sales and Marketing Department to analyze their sales and also categorize their customers based on significant portfolio of services including checking accounts, savings accounts, personal loans and geographical area.

**Responsibilities:**

* Worked on Designing, Development and Testing of Workflows and Work lets according to Business Process Flow.
* Created mappings using various transformations like update strategy, lookup, stored procedure, router, joiner, sequence generator and expression transformation.
* Extensively involved in writing ETL Specifications for Development and conversion projects.
* Created technical design specifications for data Extraction, Transformation and Loading (ETL).
* Extensively worked on Change Data Capture/Incremental loading of SCD Type I/II.
* Design the ETL process and schedule the stage and mart loads for the data mart.
* Worked on Informatica Utilities Source Analyzer, warehouse Designer, Mapping Designer, Mapplets Designer and Transformation Developer for defining Source and Target, and coded the process from source system to data warehouse.
* Teradata views have been developed against the departmental database and claims engine database to get the required data.
* Extensively used transformations like Stored Procedure, Connected and Unconnected lookups, Update Strategy, Filter transformation, Joiner transformations to implement business logic.
* Executed, scheduled workflows using Informatica **Cloud** tool to load data from Source to Target.
* Involved in Data Extraction from Oracle and Flat Files using **SQL Loader** Designed and developed mappings using Informatica **Power Center**
* Extensively created Re-usable Transformations and Mapplets to standardized Business logic.
* Extracted the data from various Flat files and Loaded in Data warehouse Environment and written Unix Shell scripts to move the files across the Servers.
* Used Informatica Workflow Manager to create workflows, database connections, sessions and batches to run the mappings.
* ETL includes the selection criteria to extract data from source systems (Cloud), performing any necessary data transformations or derivations needed, data quality audits, and cleansing. Experience using the Informatica Web Services connector is critical.
* Used Variables and Parameters in the mappings to pass the values between mappings and sessions.
* Worked on building ETL data flows that works natively on **HADOOP**
* Used **UNIX Shell** Scripts to automate pre-session and post-session processes.
* Created shortcuts for reusable source/target definitions, Reusable Transformations, Mapplets in Shared folder.
* Imported the IDQ address standardized mappings into Informatica Designer as a mapplets.
* Coordinated with testing team to make testing team understand Business and transformation rules that have been used throughout ETL process.

**Environment:** Informatica Power Center 9.6, Informatica IDQ 9.1, Oracle 11g, SQLServer2008, IBM (DB2), MS Access, Windows XP, Toad, SQL developer.

**IBM, India Jan 2009 – Aug 2010**

**Role: PL/SQL Developer**

**Responsibilities:**

* Coordinate with the application development team working on Java to provide them with the necessary stored procedures and packages and insight into the data.
* Wrote **PL/SQL procedures, packages, triggers**. Involved in creation of databases, moved databases by creating control files, export/import, and complete backups.
* Created and maintained Oracle schema objects like **Tables, Indexes, Sequences and Synonyms.**
* **Identified performance issues** in existing sources, targets and mappings by analyzing the data flow, evaluating transformations and tuned accordingly for better performance.
* Designed Logical and Physical data, defined relationships, and implemented business rules as constraints for **normalization**.
* Wrote **SQL\*Loader** scripts to migrate the data from the text files, Spreadsheet etc. and populated the intermediate tables.
* Involved in **Data Migration** and **Data Transfer**.
* Involved in writing complex SQL queries using Analytical functions in Oracle **OLAP**.
* Utilized Qwest tools (**Toad 8.0, SQL Navigator)** for database monitoring and tuning.
* Involved in **ETL processes** to load data from Flat files, XML, SQL Server, Access and Excel spreadsheets into the target Oracle database by applying business logic on transformation mapping for inserting and updating records when loaded.

**Environment**: SQL Server, TOAD 8.0, Packages, Triggers, Indexes, XML, Oracle, OLAP, Normalization, UNIX, Windows 7/8.1, UNIX Shell Programming.