**Professional Summary:**

* An experienced Informaticaprofessional of 10+ years of experience with an extensive Data Warehouse and Business Intelligence background with Green card
* Over 9+ years of experience in Informatica,Etl,Sql/PL/sql,Teradata with Unix environment.
* Expertise on Mapping Designer, Workflow Manager, Repository Manager and Workflow Monitor. Experienced in overall Data Warehouse, Database, ETL and performance tuning.
* Involved in preparing ETL mapping specification documents and Transformation rules for the mapping
* Quick understanding of Relational Source Database Systems and data models for building accurate transformation logic that can be used in Data Migration and Data Integration.
* Expertise in data modeling and used Agile scrum methodologies in the project.
* Used tidal methodology toschedule the execution of workflow EFT From Facets To Bank extract and also used to parametised workflow and UNIX scripts.
* Used AutoSys for automatic job management, event driven scheduling and programmable error recovery.
* Support the Testers, Deployers and KT to the Team about the best Practices.
* Exclusively worked on different flavors of UNIX and Windows operating systems and good Experience in UNIX shell scripting.
* Team player with good interpersonal and problem solving skills, ability to work in team and also work independently.
* Used different transformations in IDQ and done data profiling
* Developed the BTEQ scripts to connect to DB in Teradata.
* Strong experience in optimization of SQLs, PL/SQL and ETLs
* Strong analytical and problem resolution skills
* Experienced in upgrade of Informatica, Business Objects, Oracle, and SQL Server environments from previous versions into later versions
* Also provided L1/L2 support for Informatica and always met SLA severity levels (within less than 2 hours) in resolving issues, errors, or incidents during support period

**TECHNICAL DETAILS**

Operating Environment : UNIX (Sun Solaris, SCO UNIX, IBM AIX, Red Hat Linux), Windows

Database : Oracle, IBM DB2, Teradata and Microsoft SQL Server

Backup Tools : Symantec Backup and VERITASNetbackup

Data Integration:Informatica Power Center,IDQ

Metadata : Informatica Metadata Manager

OLAP : BO and Cognos TM1

Data Architect : Power Designer, Erwin, MS Visio

Enterprise Schedulers :Control+M, Maestro, Windows Task Scheduler and CronTab

Languages : SQL,PL/SQL,shell scripting

**Education**

* **Bachelors of Technology in computer science &Engineering** from shanmugha college of Engineering(SASTRA) in 2005

**FunctionalExpertise and Major Clients**

|  |  |
| --- | --- |
| **Industry** | **Client** |
| Banking and Finance | CitiBank |
| Healthcare | Kaiser permanente |
| Communications | Dun &Bradstreet,T-mobile |

**Professional Experience:**

**The Pharmacy DatawareHouse(PDW,veezolvian communication,Trichy(Jan2016- May2017)**

**Senior Etl Developer:**

**Technical Environment**:

Informatica Power Center 9.5.1, Oracle 11g,SQL, XML, Sun Solaris, Windows 2008 server

**Roles & Responsibilities:**

* Interacted with the Business Analysts to understand the process flow and the business.
* Analyzing Source to Target mapping Excel document (BRS).
* Created Data Flow Mappings to extract data from source system and Loading to Target.
* Developed the BTEQ scripts to connect to DB in Teradata.
* Used utilities like Fastload,Multiload and T pump in Teradata.
* Worked on various tasks like Session, E-Mail task and Command task.
* Converted the regular mappings to handle the Slowly Changing Dimension.
* Created and used various re-usable tasks, workflows, worklets, mapplets, and re-usable transformations.
* Created mappings using the transformations like Source Qualifier, Aggregator, Expression, Lookup, Router, Filter, Update Strategy, Joiner etc.
* Standardized parameter files to define session parameters such as database connection for sources targets, last updated dates for Incremental loads and many default values of fact tables.
* Performed tuning of Informatica Mappings for optimum performance.
* Extensively used Unix Scripting, Scheduled PMCMD and PMREP to interact with Informatica Server from command mode.
* Created Users, Groups, Roles and grant privileges to the users. Create folders, Relational and Application connections and configure the ODBC connectivity.
* Worked with Admin team for migration strategy to the upgraded environments.
* Created web service jobs by configuring WSDL in designer and used Informatica Web Services Hub to start the Informatica tasks.
* Used Informatica Data Quality (IDQ) for data quality, integration and profiling.
* Involved in Prod Support to research and resolve the daily load issues.
* Document the Prod job failures and provide the root cause analysis to the management.
* Used Informatica Dynamic Deployment groups to deploy the Informatica jobs among different environments (DEV, TEST, QA and PROD).
* Developed UNIX scripts for scheduling the delta loads and master loads using Autosys Scheduler.
* Scheduled meetings with Senior Data Leads and analyzed the data.
* Prepared the documents for all the modules developed.

**RXREF,Kaiser Permanente, Chennai (via cognizant Technology solutions)(Jan 2013 – Dec2015)**

**ETL Developer**

**Technical Environment**:Informatica Power Centre 9.5.1, Teradata, Oracle 10g and Sun Solaris,Unix

* Closely working with business users/project stakeholders to capture and define business requirements and contributed to defining the data warehouse architecture includes data models, data analysis, data sourcing and data integrity.
* Prepared High Level Design and Low Level Design documents based on Functional and Business requirements
* Data architect for Data analysis, mapping, Conversion, Quality and Migration projects
* Data Modeling (Logical & Physical) by using ER/Studio Data Architect tool and generate the scripts with appropriate security privileges based on the business needs
* Evaluation of existing data architecture and suggest architectural changes
* Fine-tuning of most frequently used transformations like Filter, Router, Sequence Generator, Lookups, Expression, Sorter, and Aggregator
* Minimized development, test and deployment efforts by using Variables, Parameters and Parameter Files
* Well understanding of slowly changing dimensionslike Type1 and Type2 and customized mappings to transform historical data into targets as per business requirements.
* Design and Development of Custom ETLs and reusable objects
* Develop of ETLs to extract data from various sources. Sources include flat files, MS SQL Server Database and Oracle
* To encounter performance bottlenecks usedSQL,PL/SQL to create stored procedures/functions in the ETL transformations.
* Applied optimization at various levels like mapping level, session level, source level, and the target/database level
* Prepare test data for positive and negative test scenarios as per the business requirements.
* Validate the data in source and target systems using SQL queries
* Setup the UAT environment and provided the UAT and production warranty support
* Responsible for providing the weekly project status reports to clients

**Dun & Bradstreet, DDR Extract,Chennai(via cognizant Technology solutions)(Jan2011 – Dec2012)**

**ETL Developer**

**Technical Environment** : Informatica Power Centre 9.5.1, Teradata, Oracle 11g,Sun Solaris,Unix,Autosys

**Roles & Responsibilities:**

* Responsible for developing, support and maintenance for the ETL (Extract, Transform and Load) processes using Informatica Power Center
* Created Mappings to extract the unique account numbers from the data warehouse tables, and updated them with tokens in PCCD/SKOUT/KOUTfiles and data warehouse tables.
* Developed various transformations like Source Qualifier, Sorter transformation, Joiner transformation, Update Strategy, Lookup transformation, Expressions and Sequence Generator for loading the data into target table.
* Created multiple Mapplets, Workflows, Tasks, database connections using Designer, Workflow Manager
* Developed the BTEQ scripts to connect to DB in Teradata.
* Used utilities like Fastload,Multiload and T pump in Teradata.
* Tested the GDR/DDR load modules, DDR extracts to World base, and Exchange rate calculations for values output to World base.
* Created sessions and batches to move data at specific intervals & on demand using Server Manager
* Extensively used Unix Scripting, Scheduled PMCMD and PMREP to interact with Informatica Server from command mode.
* Responsibilities include creating the sessions and scheduling the sessions.
* Migrated the code to prod after regression testing and explored Serena while importing Informatica objects, Unix scripts and procedures.
* Worked as a code reviewer.
* Extracted the data from Oracle, DB2, CSV and Flat files
* Implemented performance tuning techniques by identifying and resolving the bottlenecks in source, target, transformations, mappings and sessions to improve performance.
* Designed the dimension model of the OLAP data marts in Erwin.
* Performed Unit testing and System integration testing.Preparing the documents for test data loading.
* Troubles shoot the Productions failure and provide root cause analysis. Worked on emergency code fixes to Production.

**Environment:** Informatica Power Center 9.5.1, Oracle 11g, Unix,Autosys,Teradata.

**McGraw-Hill, Communication,Mumbai (via cognizant Technology solutions) (Jul2008 – Dec2010)**

**ETL Lead**

**Technical Environment:**Informatica Power Centre 8.6, Oracle10g, SQL Server, Unix,PL/SQL Developer

**Roles &Responsibilities:**

* Interacted with the Functional Analysts to understand the process flow and the business.
* Implemented PL/SQL stored procedures for capturing the mismatches in target database for different environments and maintained them in Informatica.
* Modified some of the functions as per the project requirement.
* Used shell scripts for taking Domain backup of repository, which gave an alert if the space occupied was over 95% in the Dev Environment.
* Executed test cases and supported the workflows in Dev and QA.
* Completed Analysis for migration of .NET codebase to Informatica.
* Completed analysis and migrated PL/SQL code to Informatica
* Implemented Type II Slowly Changing Dimension methodology for accessing the full history of customers.
* Created complex mappings using Unconnected Lookup, Sorter, Aggregator, dynamic Lookup, Filter, Update Strategy, and Router transformations.
* Worked with Memory cache for static and dynamic cache for the better throughput of sessions containing Rank, Lookup, Joiner, Sorter and Aggregator transformations.
* Worked with the DBA to improve Informatica session performance and query performance by collecting statistics and defining relevant indexes on target tables.
* Created Data Flow Mappings to extract data from source system and Loading to staging area.
* Worked on various tasks like Session, E-Mail task and Command task.
* Used mapplets, parameters and variables in mappings as per the requirement.
* Worked on Informatica Scheduler for scheduling the delta loads and master loads.
* Used versioning and shared folders for better control on Informatica jobs among the team and across different projects.
* Worked on slowly changing dimension Type2.
* Involved in performance tuning of the process at mapping, session, source level and at target level.
* Support Production job failures and resolve the issue in timely manner.
* Involved in testing by using Informatica workflow manager and monitor, etc. and extensive testing on log files to detect errors.
* Tested different data load databases by comparing source and target table counts and tested Informatica data loads from database to database.

**Trims koram, CitiBank,Chennai(via pixel soft solutions) (Jun2006 – Jun2008)**

**Software Engineer**

**Technical Environment**  :Informatica Power Centre 7.1 and 8.5, Business Objects, Teradata,Oracle,

Roles & Responsibilities:

* Prepared High Level Design and Low Level Design documents based on Functional and Business requirements
* Data architect for Data analysis, mapping, Conversion, Quality and Migration projects
* Data Modeling (Logical & Physical) by using ER/Studio Data Architect tool and generate the scripts with appropriate security privileges based on the business needs
* In addition, provided L2 support for Informatica and BO provided for production environment.
* Documented Informatica Standards, Naming conventions and Best Practices
* Designed and documented source to target data mapping templates.
* Employed manual Data Quality and Profile assessments and applied in mapping transformations.
* Analyzed metadata and designed reporting solutions and assessments from Informatica repository tables.
* Standardized and created re-usable transformations or mapplet or mapping and used across local or global repositories.
* Designed and developed shell scripts to run workflows/sessions and scheduled in Control M scheduler. Well-planned and deployed Informatica shell scripts jobs in Control M and dependencies of up or down stream systems or applications.
* Involved in pre-prod and production implementation plans and implementation of ETLs
* Second level Informatica and Business Object support in case of project failure and met SLAs.
* Coordination with Quality Teams for workflow/sessions tests and drive Off-shore development team
* Gathering business reporting requirements and design of dimensional data modeling.