**Anoop**

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**Roles and Responsibilities:**

* Informatica Consultant having over 9 years of Experience in dealing Data Warehousing projects using Informatica Power Center and Informatica Data Quality.
* Experienced in gathering Business Requirement Analysis, Designing, Development, Implementation, Testing and large scale enterprise data warehouse.
* Expertise with Informatica Power Center versions (10x, 9x, 8x, 7x) and Strong experience in performing ETL using Repository Manager, Designer, Workflow Manager and Workflow Monitor.
* Experienced in IDQ (9X, 9.5.1) handing some of the transformation to cleanse and profile the incoming data by using Standardizer, Labeler, Parser, Address Validator Transformations.
* Extensively worked on Informatica Power Center Designer components like Source Analyzer, Target Designer, Transformation Developer, Mapplet Designer, and Mapping Designer.
* Extensively, worked on different types of transformations like - Source Qualifier, Expression, Joiner, Filter, Aggregator, Rank, Router, Sorter, Sequence Generator, SQL, Union, Update strategy, XML – XML Generator, XML Parser, XML Source Qualifier, Lookup – Persistent Lookup, Dynamic Lookup, Static Lookup, Shared Lookup, Stored Procedure, Normalizer.
* Expertise in Informatica Power Center Workflow Manager components like, Task Developer – Session, Command, Email, Work let Designer, Workflow Designer
* Strong Knowledge on Dimensional Modelling, Star and Snowflake Schema. Designed Fact, Dimension Tables, implemented SCD’s type1, 2, 3 as per Business Requirements.
* Experience in debugging the mapping, Declaring Mapping Parameters and Variables.
* Experienced in Databases like Oracle, SQL Server, DB2 and Teradata. Done backend application coding using TOAD utilizing SQL, PL/SQL, T-SQL.
* Performance Tuning through finding the bottle necks by observing the Busy Percentile in session log taken at Target, Source, Mapping, Session and System also, done in IDQ using Execution Instance.
* Done with Unit Testing, and co-ordinate with Testing team to signoff the UAT for approve.
* Experienced in Release Management by undertaking Agile and Waterfall Methodology’s.
* Expertise ITIL Service Level Management, Ticketing Tool Service Now for production support issues.
* Experienced with Informatica Administration Console like Configuring the domain, nodes, Integrations services (IS), Repository services (RS), Performed upgrades, administrating the users by setting up the permissions for Development, Testing and Production.
* Expertise in RDBMS, data warehousing i.e. OLTP & OLAP systems and in T-SQL DDL/DML, perform SQL Server Enterprise Manager & Management Studio functionality using T-SQL Scripts and Batches.
* Performed Informatica CDC (Change Data Capture), Power Exchange, Knowledge on MDM.
* Experienced in performance testing during the migration of Informatica 10x to Informatica Cloud.
* Automated Informatica jobs, using Scheduler, Tidal, Autosys, and UNIX scripts.
* Experienced Business Intelligence Tools like in TABLEAU for reporting the end users
* A very good team player and lead with excellent problem solving and technical skills.
* Ability to work in teams as well as an individual, quick learner and able to meet deadlines.

**Areas of Expertise:**

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| **ETL Tools** | Informatica Power Center 9.X/9.1/8.6/7.X, IDQ 9.5.1,IICS |
| **O/S** | Window XP/7/10, UNIX, Linux, Ubuntu |
| **No SQL Databases** | MongoDB |
| **Version control/Tools** | SVN, GitHub |
| **Databases** | Teradata 15.10.1.4, Oracle 11g/10g/9i, IBM DB2, Vertica, SQL Server2012, Netezza,SNOWFLAKE |
| **Frameworks** | Spring Boot, Hibernate, Junit, jQuery, Angular JS, CSS Boot Strap |
| **Business Intelligence Tools** | Tableau |
| **Methodologies** | Agile Scrum, Waterfall |
| **Additional Skills** | Web service SOAP UI Tool, Postman, Drools |

**Work experience:**

***Brinks, Dallas-TX Jul 19 – Current***

**Sr. ETL Informatica Developer**

**Roles and responsibilities:**

* Works with business partners, product development teams and senior designers to capture requirements, determine a solution that will integrate with existing BI assets, review prototypes and develop iterative revisions.
* Responsible for leading the design of prototypes and determining final design to ensure client satisfaction with product.
* Planning, designing, development, testing till deployment phases.
* Worked creating Data Synchronization tasks for implementing incremental load processing to load data from SalesForce.com (SFDC) to on premise databases for real-time processing to CRM teams.
* Exclusively worked on Informatica Test Data Management tool for Data protection from Fraud and theft, created masked test data sets for lower environments like DEV, QA, Model regions for the Federal compliance regulations project.
* Created policies, standard Rules, advanced rules, masked columns as per requirement by the business, generated TDM masking workflows and produced unit testing results.
* Worked on Python scripts as a wrapper over SQL scripts
* Used Python as an integration tool to integrate serviceNow, SalesForce and WorkDay with EDW.
* Implemented masking process on tables which are residing on Informatica Cloud environment and masked all the database tables which come under PII Project.
* Developed the technical architecture for handling the data flow from the source to the cloud CRM system
* Developed reusable code for error logging using Informatica Cloud Services.
* Masked lower levels of databases DEV, QA, Model regions with masked data so that any compromise of data through unprecedentedly access will not result in fraud and theft of Master data.
* Exclusively worked on creating Technical Design documents by gathering business Requirements from Business Users and developed source to target design documents for development of workflows.
* Developed mappings/Reusable Objects/Transformation/Mapplets by using mapping designer, transformation developer and Mapplet designer in Informatica Power Center 9.6.
* Worked with business owners in gathering requirements and prepared logical and Physical data models using CA Erwin Data modeler.
* Worked in Revenue Financial, Sales and billing teams and implemented financial calculations in producing reports with Very accurate results in numbers, by performing multiple validations.
* Extensive experience in performance tuning, identified and fixed bottlenecks and tuned the complex ETL Informatica mappings for better performance.
* Strong Experience in implementing ETL Informatica for Efficient data loading from different sources oracle, DB2, SQL Server2005/2008, and Flat files.
* Performed extraction, transformation and loading of data from heterogeneous RDBMS tables, Flat Files, and written SQL to get data into Netezza in accordance with requirements and specifications.
* Used Session parameters, Mapping variable/parameters and created Parameter files for imparting flexible runs of workflows based on changing variable values.
* Implemented Type 2 SlowlyChanging Dimensions to maintain the historical data in sales Data mart as per the business requirements.
* Create UNIX shell scripts, ETL mappings, sessions & workflows using Informatica Power Center.
* Implementing change requests raised by user for server configuration, kernel tuning, software installation and OS hardening, Managing Linux VMs as per some projects requirement
* Worked on Python scripting in deploying all the Tableau reports from one environment to another in a single go using Tableau Document API, Tableau Server Client.
* Automated the extract refresh, publishing data sources tds/tdsx and reports twb/twbx using tabcmd
* Create Tableau Dashboards with the interactive and canned versions. Canned versions are typically used for business daily reporting, while the interactive versions are more for a business analyst to get deeper insights
* Prepare test cases & perform Unit / Integration / System / Regression Testing. Assist Business during UAT.
* Involved in Test Data Management team and worked on assigning policies and rules to the tables across different databases and validated the TDM workflows.

**Environment**: Informatica Power Center 9.6.1, Informatica Power Exchange 9.1, IDQ 9.5.1, SQL SERVER 2008, Oracle 10g, Teradata v13/14, Tableau 9.3, SQL Assist, Toad, T-SQL, Putty.

**State Farm, Richardson, IL**

**Sr. ETL Informatica Developer Nov 2018 – Jul 2019**

**Responsibilities:**

* Involved in end to end implementation of code into PROD/BCP, starts from JIRA creation to Change requesting closing.
* Interacted with Data Modelers and Business Analysts to understand the Business requirement and develop the code-

By using Informatica PowerCenter 9.6.1 Designer analyzed the source data to Extract & Transform from various source systems (oracle 11g, oracle exadata, SQL server, and Teradata and flat files) by incorporating business rules using different objects and functions that the tool supports and load into Global Data Warehouse.

* Maintained source and target mappings, transformation logic and processes to reflect the changing business environment over time.
* Used various transformations like Aggregator, Sequence Generator, Update Strategy, Joiner, Java, Normalizer, Sorter, Union, Filter, Router, Expression and Lookup (connected and unconnected) to develop robust mappings in the Informatica Designer.
* Worked on complex Source Qualifier queries, Pre and Post SQL queries in the Target.
* Worked on different tasks in Workflow Manager like Sessions, Events raise, Event wait, Decision, E-mail, Command, Worklets, Assignment, Timer and Scheduling of the workflow.
* Extensively used workflow variables, mapping parameters and mapping variables.
* Created sessions, batches for incremental load into staging tables and scheduled them to run daily and monthly.
* Used shortcuts to reuse objects without creating multiple objects in the repository and inherit changes made to the source automatically.
* Applied performance techniques like PDO, partitions and best practices for each transformation to avoid performance issues. Used TPT & Multi load connections in ETL for faster retrieval data.
* Prepared Unix Shell Scripts and these shell scripts will be scheduled in AUTOSYS for automatic execution at the specific timings.
* Involved in writing shell scripts for file transfers(FTP/SFTP), file renaming and several other database scripts to be executed from UNIX
* Involved in Unit, System Integration and User Acceptance testing.
* Migrated the code into QA (Testing) and supported QA team and UAT (User).
* Created detailed FSD and TSD with all possible Test cases/Scripts.
* Conducted peer reviews developed by my team mates before moving the code into QA.
* Involved in root causes analysis for recurring production failures and implemented permanent solutions to avoid failures.
* Involved in production support activities to fix bugs in daily and monthly jobs.

**Environment:** Informatica PowerCenter 9.6.1, Teradata 15.10, Oracle 11g, Oracle Exadata, SQL Server 2012, PL/SQL, SVN, Autosys R11, Unix, PAC2000, JIRA

**Bank of America, Dallas, TX**

**Sr. ETL Informatica Developer Jun 17 – Nov 2018**

**Roles and responsibilities:**

* Worked with Business Users to gather the Requirements and business logics for the new changes.
* Understanding of the business requirements and enhancing the existing data warehouse architecture design for a better performance.
* Work on different types of Schemas Like Nutrition Schema, Fit Work Schema etc. & different tables, around 12 to 13 tables on each schema like Points Table, Member Eligibility Table, Response Table.
* Extract data from sources like SQL server, Oracle DB’s, Teradata and transform them according to Business rules.
* Monitor the daily extracts like Enrolment Extracts, Points Extracts, Response Extracts from TOPS and Independent Health Database.
* Based on functional requirements, modify the workbook and technical design specification documents.
* Making the necessary code changes to mapping, workflow & Session based on business requirements.
* Preparing the test cases and do thorough testing based on business requirements.
* Prepare the promote sheet, CMR (Change Approve Board) and get approval from the board.
* Responsible for code migration from DEV – QA –Prod environments by coordinating with IT Operations.
* Done extensive performance tuning by determining bottlenecks at various points like targets, sources, mappings, sessions and system.
* Modified Mapplet and reusable transformations using Mapplet Designer, Transformation developer for the Standardization of data as per the business requirements.
* Responsible for extracting data from heterogeneous sources like Flat Files, Oracle, SQL Server, DB2 and loading the same in to Oracle and Flat Files.
* Understanding of the business requirements and enhancing the existing data warehouse architecture design for a better performance.
* Used Admin console to configuring the domain, Integrations services, and Repository services.
* Administrated the users by setting up the permissions for Development and Testing and performed setting up the partition design.
* Used IDQ Standardizer Transformation and Address Validation Transformations to cleanse and profiling the data. Carried out the DQ-PC integration to export the Mapping.
* Created users and user groups with appropriate privileges and permissions, folders and folder permissions in Repository Manager.
* Used Debugger in Mappings to debug the Complex mappings and fixed the Errors.
* Prepared ETL mapping Documents for every mapping and Data Migration document for smooth transfer of project development to testing and then to Production environment.
* Prepared and used test data cases to verify accuracy and completeness of ETL process.
* Generated reports with the help of Work sheet &Dashboard using Business Intelligence tool – TABLEAU
* Actively involved in Production Support and helped other team members.

**Environment**: Informatica Power Center 9.6.1, Informatica Power Exchange 9.1, IDQ 9.5.1, SQL SERVER 2008, Oracle 10g, Teradata v13/14, Tableau 9.3, SQL Assist, Toad, T-SQL, Putty.

**Global Logic Technologies Ltd.**

**Sr.Analyst Apr-10 – Mar 15**

**Roles and responsibilities:**

* Involved in gathering requirements, analysis, design, testing of the project.
* Involved in preparation of the low level document.
* Writing SQL queries and executing them with respective to the business requirements.
* Experienced Performance tuning to run and execute complex queries.
* Learned new concept of Kimball methodologies to execute the DW (Data warehousing) projects
* Experienced in writing UNIX commands.
* Attend daily meeting and submitted the progress for each week to the project manager.
* Developed programming, database, testing and networking skills.
* Worked closely with the core team members like Developers, Team Leader and Project manager.
* Experienced Informatica Power Center tool for the first time and learn the procedure to develop ETL mappings to transform the data according to the business requirements.
* Analysed the Specifications and identifying the source data needs to be moved to data warehouse.
* Involved in Database design, entity relationship modeling and dimensional modeling using Star schema.
* Worked with mappings using expressions, aggregators, filters, lookup, update strategy and stored procedures transformations.
* Created flexible mappings/sessions using parameters, variables and heavily using parameter files.
* This project is intended to load and extract Procurement, Order Management, and Accounting data from Oracle database.
* Create test cases for the above projects in providing error free solution.
* Worked with Agile method.

**Environment:** Informatica Power Center, Oracle 9i, DB2, MSSQL Server2005, PL/SQL, SQL\*Loader, Toad, UNIX, Windows XP.