**Ramya Gonuru**

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**(Sr. Informatica Developer)**

**SUMMARY:**

* About **8+ years’** professional experience in IT industry and wide range of progressive experience in design, analysis, development, documentation, coding and implementation including but not limited to Databases, Reporting, Data Warehouse, ETL Design and BI Applications across wide industry verticals.
* Hands on Experience in creating MicroStrategy in developing, administrating, Intelligence Server, and Report Services Using MicroStrategy 9x suite namely Desktop, Web, Command Manager, Object Manager, Enterprise Manager and Narrowcast Server.
* Diversified Domain expertise implementing solutions to Data Warehousing Projects.
* Good knowledge in interacting with **Informatica Data Explorer (IDE)**, and **Informatica Data quality (IDQ)**.
* Strong ETL experience using **Informatica Power center 9.5.1/9.1.0/8.6.1** (**Repository Manager**, **Designer**, **Workflow Manager**, **Workflow Monitor**), Mappings, Mapplets, Transformations and worklets.
* Extensive experience in **E**xtraction, **T**ransformation and **L**oading (**ETL)** of data from multiple sources into **Data Warehouse** and **Data Mart**.
* Designed and developed complex mappings, from various transformations like **Unconnected** /**Connected lookups**, **Router**, **Filter**, **Expression**, **Aggregator**, **Joiner**, **Update Strategy** and more.
* Well experienced in **Performance Tuning** of **Informatica** (sources, mappings, sessions and targets) and **Databases**.
* Experienced in creating Transformations and Mappings using Informatica **Designer** and processing tasks using **Workflow Manager** to move data from multiple sources into targets
* Excellent knowledge and experience in creating **source to target mapping**, edit rules and **validation**, transformations, and business rules.
* Extensively worked on **Informatica Designer** Components - **Source Analyzer**, **Target Designer**, **Transformation Developer**, **Mapplet Designer** and **Mapping Designer**.
* Strong Experience on **Workflow Manager** Tools - **Task Developer**, **Workflow Designer** &**Worklet Designer**.
* Experienced in designing and writing on-demand **UNIX shell scripts**.
* **Co-ordinating** with users and establishing **good relations** between **users** and **development team**.
* Ability to meet deadlines and handle pressures coordinating multiple tasks in project environment.
* Excellent written and verbal communication skills, good analytical reasoning and ability to learn quick and high adaptability to new tools and technologies.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Operating Systems** | Windows 98/NT/2000/XP,2003/2008 Server, Windows 7, UNIX |
| **Databases** | Oracle12c,11g,10g,9i,8i,MSSQLServer7.0/2000/2005/2008/2012,MSAccess 97/2000/2003, DB2 |
| **Dimensional Data Modeling** | Dimensional Data Modeling, Data Modeling, Star and Snow flake schema Modeling, Physical and Logical Data Modeling, Fact and Dimensions table, Oracle designer |
| **ETL Tools and**  **BI tool** | IDQ, Informatica Power Center/ Power Mart, OBIEE 11g |
| **Languages** | T-SQL, PL/SQL, HTML, XML, UNIX, SQL \*plus, SQL \*loader |
| **Packages** | MS Office, MS Outlook |

**PROFESSIONAL EXPERIENCE:**

**Walmart, Bentonville, AK Mar’15 – Till Date**

**Role: Sr. Informatica Developer**

**Responsibilities:**

* Implement and configure new partner data model and partner data hub.
* Enable Partner data model Front End for business to enable partner management functions.
* Leverage front end to validate and accept cleaned partner data.
* Make partner profile data available to BI / Analytics / DWH layer.
* Installed & Configured MDM Hub on Dev, Test and Prod Server, cleanse, and Address in Dev, QA.
* Gathered requirements from business users by conducting brain storming sessions.
* Played an important Key role to create data model according to the requirements.
* Defined the Base objects, Staging tables, foreign key relationships, static lookups, dynamic lookups, queries, packages and query groups.
* Created Mappings to get the data loaded into the Staging tables during the Stage Process.
* Defined Trust and validation rules before loading the data into the base tables.
* Coordinated with Business Leads in making them understand Match & Merge and incorporated their requirements and ideas.
* Created Match rule sets in for the base objects by defining the Match Path components, Match columns and rules.
* Developed Hierarchies using Hierarchy Manager in the Hub as per the needs.
* Worked on IDQ to complete initial data profiling and removing duplicate data.
* Used IDQ for massive data profiling prior to data staging.
* Created profiles, score cards, Column profile using IDA.
* Created LDO's (Logical Data Objects), CDO's (customized data objects) and physical data objects in IDQ.
* Created IDD application and Subject Areas, Subject Area Groups, Deploy and test IDD application, cleanse functions, utilizing timeline, export and import master data from flat file.
* Worked extensively on BDD config file to get the changes reflected on IDD.
* Analyzed the data by running the queries and provided the stats after Initial data and incremental Loads.
* Configured JMS message Queue and message triggers with SIF API.
* Configured Web services using SIF API Interface.
* High-level review of SAM - discussed use of Roles, creation of users and assignment of user to Role.
* Defined Roles and privileges for each environment according to the platform requirements.
* Scheduled MDM Stage Jobs, Load jobs.
* Helped UAT team testing the new platform and authoring test cases.
* Involved with ETL team in getting the data loaded into the landing tables.
* Work closely with Enterprise Data Quality Lead and business users to understand the Data lineage and DQ framework.
* Participate in design and development for DQ and Data lineage, Implementation and coordinating User testing and business training.
* Execute data quality measurement and monitoring process utilizing techniques to provide insights into the quality of Data
* Experience in developing data quality initiatives to evaluate new and existing data attributes

**Environment:** Informatica MDM 9.5, Power Centre 9.5, SIF, IDQ, IDD, Toad, SQL Developer, Oracle 11g, SQL loader, Linux.

**Deutsche Bank, Atlanta, GA Jun‘13 – Feb‘15**

**Role: Informatica Analyst**

**Responsibilities:**

* Actively gathered requirements throughout the project from several sources both in-person

And by using the electronic media

* Extensively wrote database queries and used advanced PL/SQL concepts (e.g., arrays, PL/SQL
* tables, cursors, user defined object types, exception handling, database packages, nested tables) to manipulate data
* Experienced in various Teradata utilities like Fastload, Multiload, BTEQ and Terdata SQL Assistant.
* Designed ETL process flow for entire DWH application and developed data mapping spread sheets to define transformation rules for each stage of ETL process
* Resolved quality issues using data profiling and data mapping functionalities using informatica data explorer
* Provided detailed analysis of data issues, mapping of data, designed and coordination of cleansing activities for customer data
* Developed mappings to extract information from the existing fact tables to populate fields in the recently added fact table in the warehouse
* Recommended changes and assisted the team members in Dimensional modeling. The system
* consists of four fact table and more than 50 dimensions
* Extensively used Calculations, Variables, Breaks, Aggregate Awareness ,Query prompt, Rank, Sorting, Drill down, Slice and Dice, Alerts for creating Sales and Profit reports
* Designed and Developed ETL process using SQL, Pl/SQL, stored procedures, and
* PowerCenter to load Historical Human Resource Data into Fact Tables and few Dimensions
* Designed and Developed PowerCenter Mapplets and Mappings to verify business logic and
* Error handling prior to loading the Fact Table. There were 600+ Business rules that must be
* applied to fact tables bound data
* Wrote various shell scripts to automate the load process for historical data
* Involved in writing shell scripts and added these shell scripts in Cron Job, as scheduled daily, weekly, monthly
* Involved in fixing invalid mappings, testing of store procedures and functions, unit and integration testing of Informatica Mappings, Sessions, Workflows and the target data

**Environment:**Informatica Power Center 9.5, SQL Server 2014, Business Objects, UNIX shell Scripting, Erwin, Toad.

**LifeCellCorporation, Bridgewater, NJ Dec ’11 – May ‘13**

**Role: Informatica Consultant**

**Responsibilities:**

* Worked on Informatica Power Center tool - Source Analyzer, Warehouse Designer, Mapping Designer and Workflow Manager.
* Worked extensively on Informatica PowerCenter 9.1
* Used Informatica for extraction from legacy and oracle based sources.
* Designed and developed Informatica mappings for populating the data into the dimension, facts and history tables constantly from different source systems.
* Used various transformations like Source Qualifier, Lookup, Router, Filter, Update, Expression, Aggregator, Sorter, Sequence Generator etc
* Used unconnected lookup where different expressions used the same lookup and had multiple targets, which use same logic executed and return one value.
* Worked with Normalizer transformation with COBOL files and sources.
* Used Type 1 SCD and Type 2 SCD mappings to update slowly changing Dimension tables.
* Used the Debugger in debugging some critical mappings to check the data flow from instance to instance.
* Created error log table to capture the error messages, session load time.
* Created various tasks like sessions, worklets, and workflows in the workflow manager to test the mapping during development.
* Informatica PC client tool is only used during development and debugging.
* Used Workflow monitor to see the work flows running and get the session properties and session log.
* Involved in code fixes and migration of code from Dev to Test, CERT and Prod.
* Developed all the mappings according to the design document and mapping specs provided and performed unit testing.
* Performed unit testing and documented the unit test plan and its results.
* Used Toad to analyze data and understand it better to write various queries for testing.
* Involved in Performance tuning of various mappings and sessions to increase the performance.

**Environment:**Informatica PowerCenter 9.1, Oracle11g/12c, Toad, Sun Solaris11.1, Visual SourceSafe, SQL, PL/SQL

**Volkswagen Credit, Libertyville, IL Aug’10 – Nov ‘11**

**Role: ETL Developer**

**Responsibilities:**

* Interacted with Business Analyst to understand the business requirements and implement the same into a functional Data warehouse design.
* Involved in creating the design and technical specifications for the ETL process based on Functional specifications.
* Responsible for Developing Informatica development life cycle process documents.
* Created various PL/SQL stored procedures, , functions, views, Cursors ,indexes on target tables
* Extracted data from various sources like Oracle, flat files and XML.
* Development of mappings as per the technical specifications approved by the client.
* Developed mappings using Informatica PowerCenter Designer to transform and load the data from source systems to target database.
* Worked on various types of transformations like Expression, Joiner, update strategy, Aggregator, Filter and Lookup.
* Created Mapplets to reduce the development time and complexity of mappings and better maintenance and Worked on different sources like Oracle, flat files.
* Implemented performance tuning logic on targets, sources, mappings, sessions to provide maximum efficiency and performance.
* Involved in enhancements and maintenance activities of the data warehouse including performance tuning.
* Used mapping variable for imparting flexible runs of workflows based on changing values.
* Involved in the debugging of the mappings by creating break points to gain trouble shooting information about data and error conditions.
* Responsible for testing and validating the Informatica mappings against the pre-defined ETL design standards.
* Created sessions and workflows to run with the logic embedded in the mappings using PowerCenter Designer.
* Played a key role in designing the application and migrate the existing data from relational sources to corporate warehouse effectively by using Informatica PowerCenter
* Created various tasks like sessions, decision, timer and control to design the workflows based on dependencies.
* Co-ordinating with users and establishing good relations between users and development team.
* Scheduling the session’s tasks comprising of different mappings for data conversion, extractions in order to load data into oracle database.

**Environment**: Informatica PowerCenter 9.0, Oracle 10g, TOAD, SQL Server, UNIX, AutoSys.

**United Healthcare India PVT Ltd., Hyderabad India Sep 07 – Jul 10**

**Role: Informatica Developer**

**Responsibilities:**

* Participated in gathering, analyzing, and documenting business requirements, functional requirements and data specifications.
* Created various PL/SQL stored procedures for dropping and recreating indexes on target tables.
* Created mappings for dimensions and facts.
* Designing and creation of complex mappings involving transformations such as expression, joiner, aggregator, lookup, update strategy, and filter.
* Extracted data from various sources like Oracle, flat files and XML.
* Worked extensively on Source Analyzer, Mapping Designer, Mapplet designer, Warehouse Designer and Transformation Developer.
* Worked on Informatica PowerCenter tools- Designer, Repository Manager, Workflow Manager, and Workflow Monitor.
* Published and Migrated reports in Development/Test to production Domains.
* Extensively used Informatica PowerCenter for extraction, transformation and loading process.
* Created various tasks like sessions, decision, timer & control to design the workflows based on dependencies
* Created sessions and workflows to run with the logic embedded in the mappings using PowerCenter Designer and Worked on issues with migration from development to testing.
* Developed several Mappings and Mapplets using corresponding Sources, Targets and Transformations.
* Optimizing/Tuning mappings for better performance and efficiency.
* Responsible for testing and validating the Informatica mappings against the pre-defined ETL design standards.
* Used workflow manager for session management, database connection management and scheduling of jobs.

**Environment:**Informatica PowerCenter 8.6.1 (PowerCenter Designer, workflow manager, workflow monitor), Oracle 10g, Windows XP, TOAD, SQL.

**EDUCATION:**

* Bachelors of Information Technology, JNTU, India.