**VISHWA GAJJALA**

I have 8 years IT experience in the area of software development, testing and implementation. Experience in project management in implementing large and complex financial and reporting solutions . My expertise are **Informatica PowerCenter,Informatica Data Quality, Informatica MDM,SQL,PL-SQL** AND **Teradata** tools, I focused on **data warehousing, data modeling and ETL design** and development via Informatica. Experience in different domains like Healthcare, Retail and Insurance . Proficient in analyzing requirements for reporting and application design purposes . Ability to validate the integrity of data relationships, mappings and table definitions .

**Professional Summary:**

* Experience in Information Technology with a strong background in **Informatica Power Center, Informatica Data Quality, Pentaho (kettle), Teradata, SQL, Data Warehousing, Databases** and **Data Modeling.**
* Data Processing experience in designing and implementing Data Mart applications, mainly transformation processes using ETL tools Informatica Power Center, IDQ.
* Strong experience in Data warehousing, Dimensional Star Schema and Snowflakes Schema methodologies.
* Proficient level working with **Informatica MDM 9.x** (Master Database Management).
* Extensively worked on Informatica Power center Tools – Source Analyzer, Target Designer, Mapping Designer, Mapplet Designer, Transformation Developer, Workflow Manager and Workflow Monitor.
* Experience in **Repository manager,** Experience in allocates domains to developers.
* Developed ETL process using Pentaho PDI to extract the data from HIS and Vista, and populated it in to BI Data mart.
* Expertise in designing and developing Informatica Data Quality transformations/rules like Address validator, Parser, Labeler, Match, Exception, Association, Standardizer and other significant transformations.
* Experience in SSIS and ERWIN.
* Proficient in understanding business processes / requirements and translating them into Technical requirements.
* Expertise in designing and developing Informatica mappings from varied transformation logic using filters, expression, rank, router, aggregator, joiner, lookup, update strategy, stored procedure etc.
* Experience in integration of various data sources like **Teradata, Oracle, SQL Server, Flat Files** into the data warehouse.
* Excellent expertise with different types of data load strategies and scenarios like Historical dimensions, Surrogate keys, Summary facts etc.
* Experience in using the Informatica Utilities like **Pushdown optimization** and **Session Partitioning** to improve the performance of Informatica mappings.
* Hands on experience in identifying and **resolving performance bottlenecks** in various levels like sources, targets, mappings and sessions.
* Worked extensively on **Error Handling, Performance Analysis** and **Performance Tuning** of Informatica ETL Components and Teradata Utilities, UNIX Scripts, SQL Scripts etc
* Experience in Building framework using Informatica to dynamically generate queries by reading metadata.
* Have performed various testing activities like unit testing, Integration-system Testing and user acceptance testing and ensured that the code is ideal.
* Experience with UNIX Shell Scripting on UNIX & Linux platform.
* Well-developed interpersonal and communication skills.

**Technical Skills:**

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| ETL Tools | Informatica Power Center 9.6, 9.5, 9.1, 8.6, (Designer, Workflow Manager, Workflow Monitor, Repository Manager), Pentaho BI.5.0.1 |
| Data Quality | Informatica Data Quality (IDQ), DVO (Data Validation Option) |
| Operating Systems | Windows 7/10, Windows Vista/XP/2000, UNIX/Linux. |
| Databases | Oracle 8i/9i/10g/11g,Microsoft SQL Server 2008/2012/2014, DB2, Teradata V2R12, V2R6 |
| Development tools | Toad, Teradata SQL Assistance, SQL Developer |
| Programming/Languages | SQL, PL/SQL, UNIX shell scripting |
| SDLC Methodologies | Agile/Scrum, Waterfall, Iterative |

**Professional Experience:**

**GE Healthcare, Boston, MA (NOV-15-Present)**

**Sr. Informatica Developer**

**Project Description:** When GE Healthcare needed to unify its ERP systems, it developed an internal Data Governance program which grows at the pace of its implementations.   Informatica Data Quality and Informatica Power Center allow Adventist to profile target data from disparate sources and business functions.  New projects reference Business Glossary for reporting, making sure that each field has data lineage and a standard definition based of how it is used across the enterprise. Using Informatica power center and Data Quality Integrate data and cleanses that data at the source.

**Roles & Responsibilities:**

* Responsible for coordinating with the Business Analysts and users to understand business and functional requirements and implement the same into an ETL design document
* Analyses data and prepared low level design documents before the development begins.
* Developed various Informatica Mappings & Mapplets to load data using different transformations like Source Qualifier, Joiner, Router, Sorter, Aggregator, Connected and Unconnected Lookup, Update Strategy, Expression, Stored Procedure, Sequence Generator to load the data into the target tables.
* Designed complex mapping logic to implement SCD1 and SCD2 dimensions and worked on many critical dimensional modeling, which helps in structuring and organizing data in uniform manner where constraints are placed within structure major concept of Data modeling.
* Extensively worked on Informatica Power center/IDQ.
* Developing mappings complete initial data profiling and removing duplicate data.
* Designed, developed Informatica Power Center 9.6 mappings to extract, transform and load the data into Oracle 11g target tables
* Based on requirements, developed Source-To-Target mapping document with business rules and also developed ETL Spec documentation.
* Implemented / Developed incremental ETL mappings
* Developed transformation logic to cleanse the source data of inconsistencies during the source to stage loading
* Used Debugger to test the mappings and fixed the bugs
* Involved in Performance tuning at source, target, mappings, sessions, and system levels
* Used Informatica Workflow Manager to schedule workflows and created sequential and parallel loads and used workflow monitor to monitor the load process and trouble shouted the session failure getting log files
* Created task like session, event waits, event raise, command, decision and control task using workflow manager and monitored the jobs in workflow manager
* Enhancements to the existing data sources to meet the customer’s requirements
* Performance tuning in Informatica Mappings by identifying the bottlenecks and Implemented effective transformation Logic
* Working closely with business users and technical teams in a customer facing role to bring requirements together into a cohesive design
* Provided data to the reporting team for their daily, weekly and monthly reports.

**Environment:** Informatica Data Quality 9.6.1, Informatica Power Center 9.6.1, Informatica DVO (Data Validation Option), SQL, PL/SQL, Oracle 11g, Teradata, DB2, Toad, SQL Assistant, Autosys, Flat files, XML Files, Agile/Scrum, UNIX

**NCRCorporation, Duluth, GA (SEP-14 – OCT-15) ETL Developer**

**Project Description:** Using Informatica Power center integrates critical POS data from 1,500 retail locations with its wholesale and inventory systems for strategic analysis by sales, marketing, and pricing managers. Real time POS analysis enables NCR to replenish inventory systems and in-store stock more quickly, reducing inventory holding costs.

**Roles & Responsibilities:**

* Design the physical model and ETL’s to source data from current systems.
* Building the necessary staging tables and worktables on oracle development environment.
* Designed a flexible ETL process to run as Incremental load or Full Load with minimal tweak.
* Developed Mappings, Sessions and Workflows to extract, validate, and transform data according to the business rules.
* To export the CDE reports in to PDF format we used the pentaho CGG (community graphics generator) plugin.
* Data migration from one environment to another environment using kettle ETL tool.
* Used several transformations in Kettle to cleanse, validate and improve quality of data before loading it into target schemas.
* Coached a team of developers to develop Pentaho Reports, Dashboards, XActions and Analyzer Reports for the client.
* Developed complex mappings in Informatica to load the data from source files using different transformations like Source Qualifier, Look up (connected and unconnected), Expression, Aggregate, Update Strategy, Joiner, Filter, Stored Procedures, Router and Mapplets.
* Created High level/detailed level design documents and also involved in creating ETL functional and technical specification.
* Involved in review of the mappings and enhancements for better optimization of the Informatica mappings, sessions and workflows.
* Extensively worked in performance tuning of programs, ETL procedures and processes.
* Worked on data cleansing and standardization using the cleanse functions in Informatica.
* Coordinating with Business Analyst to get the requirement clear and re-solve queries and getting requirements freeze before the development activity starts.
* Developed Mappings, Sessions and Workflows to extract, validate, and transform data according to the business rules.
* Involved in implementing the Land Process of loading the customer/product Data Set into Informatica from various source systems.
* Involved in review of the mappings and enhancements for better optimization of the Informatica mappings, sessions and workflows.
* Created table pairs, generated and added tests on the table pairs and executed them.
* Worked on performance tuning of programs, ETL procedures and processes.
* Co-ordinate with the QA team in various testing phases and fix the defects reported by the testing team and coordinate with testing team.
* Project and Team management, work allocation and status reporting.

**Environment:** Informatica Power Center 9.x, Oracle 11g, DB2, SQL Server 2008, Pentaho BI server, Pentaho Report designer, CDE (community dashboard editor),CGG (community graphics generator),Teradata V2R6, Tivoli, UNIX, HP Quality Center 10, Clear Quest

**Baylor Scott & White Hospitals, Dallas, TX (JAN-13 – AUG-14)**

**Informatica Developer | IDQ Developer**

**Project Description:** Baylor Scott & White Hospitals standardized on a comprehensive portfolio of integrated Informatica data management technologies, including data integration, data quality, MDM and information lifecycle management (ILM). Informatica Power Center draws data from multiple sources, formats and locations across Baylor Scott & White Hospitals, integrating it into the EDW. Informatica Data Quality cleanses that data at the source, ensuring it is reliable, accurate and trusted. Informatica is powering self-service analytics through access to clean, safe and connected data.

**Roles & Responsibilities:**

* Analyzed the technical requirements and data flows and prepared technical strategy documents.
* Worked with heterogeneous sources, including relational sources and flat files.
* Performed the data profiling and analysis making use of Informatica Data Explorer (IDE) and Informatica Data Quality (IDQ).
* Data Profiling, Cleansing, Standardizing using IDQ and integrating with the Informatica suite of tools.
* Worked with Informatica Data Quality (IDQ) toolkit, Analysis, data cleansing, data matching, data conversion, exception handling, and reporting and monitoring capabilities using IDQ
* Worked on IDQ Analyst for Profiling, Creating rules on Profiling and Scorecards.
* Developed IDQ rules in accordance with the Data governance specifications.
* Built Physical Data Objects and developed various Mapping, Mapplets/rules using Informatica Data Quality based on requirements to profile, validate and cleanse the data.
* Designed and developed Technical and Business Data Quality rules in IDQ and created the Score Card to present it to the Business users for a trending analysis (Informatica Analyst).
* Worked on data cleansing and standardization using the cleanse functions in IDQ.
* Defined Business rules in Informatica Data Quality (IDQ) to evaluate data quality by creating cleanse processes to monitor compliance with standards and assist in resolving data quality issues.
* Used DVO to validate the data moving from Source to Target.
* Used Demonstration Plans in IDQ and profiled the demo data, worked on Pre-standardization scorecards, standardized the generic data, name data & address data, and also matched demo data, consolidated data and viewed the consolidated data.
* Developed complex mappings in Informatica to load the data from source files using different transformations like Source Qualifier, Look up (connected and unconnected), Expression, Aggregate, Update Strategy, Joiner, Filter, Stored Procedure, normalize, Router and Mapplets.
* Extensively used Informatica Functions LTRIM, RTRIM, DECODE, ISNULL, IIF, INSTR and date functions in Transformations.
* Project and Team management, work allocation and status reporting.

**Environment:** Informatica Power Center 9.x, IDE/IDQ, DVO, Oracle 11g, Teradata, Control-M, UNIX

**Nuevora Analytics Technologies Pvt Ltd ( OCT-11- DEC-12)**

**Informatica Developer**

**Client: CITRIX.**

**Roles & Responsibilities:**

* Actively involved in understanding business requirements, analysis and design of the ETL process.
* Used Informatica Power Center to extract, transform and load data from various source systems to staging and target Data warehouse.
* Used Power Center Workflow Manager for session management, database connection management and scheduling of jobs to be done in a batch process.
* Tuned the performance of mappings by following Informatica best practices and also applied several methods to get better performance by decreasing the run time of the workflow.
* Worked with the transformations like Lookup, Joiner, Filter, Aggregator, Source Qualifier, Expression, Update Strategy and Sequence Generator Transformations.
* Used Type 1 SCD and Type 2 SCD mappings to update slowly Changing Dimension Tables.
* Modified several of the existing mappings based on the user requirements and maintained existing mappings, sessions and workflows.
* Worked on different tasks in Workflows like sessions, events raise, event wait, decision, e-mail of the workflow.
* Extensively worked on Mapping Variables, Mapping Parameters and Session Parameters.
* Created Data Breakpoints and Error Breakpoints for debugging the mappings using Debugger Wizard.
* Worked with PMCMD to interact with the Informatica Server from command mode and execute the shell scripts.
* Monitored the session logs to check the progress of the data load.

**Environment:** Informatica Power Center 9.x/8.x, Oracle 10g, Agile, TOAD, UNIX

**Vaishali Group Technologies**    **(JUN-09–SEP-11)**

**Informatica Developer**

**Client:** **GEICO.**

**Roles & Responsibilities:**

* Involved in requirements gathering, functional/technical specification, Designing and development of end-to-end ETL process for the Sales Data Warehouse.
* Studied the existing OLTP system(s) and Created facts, dimensions and star schema representation for the data mart.
* Imported Source/Target Tables from the respective databases and created reusable transformations (Joiner, Routers, Lookups, Rank, Filter, Expression, and Aggregator) in a Mapplet and created new mappings using the Designer module of Informatica.
* Modeled the data warehousing, data marts in Star join schema.
* Created Stored Procedures for data transformation purpose.
* Created Tasks, Workflows, Sessions to move the data at specific intervals on demand using Workflow Manager and Workflow Monitor.
* Extensively worked on the performance tuning of the Mappings as well as the sessions.  
  Involved in writing UNIX shell scripts for an Informatica ETL tool to run the Sessions.
* Worked with database connections, SQL joins, cardinalities, loops, aliases, views, aggregate conditions, parsing of objects and hierarchies

**Environment:** Informatica Power Center 9.X/8.x, Oracle 10g, Agile, TOAD, UNIX

**Education:**

Bachelor of Technology (B.Tech), Jawaharlal Nehru Technological University, Hyderabad