[**vkumar.etl@outlook.com**](mailto:vkumar.etl@outlook.com)

Contact # 502-551-6470

**Summary:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* Around of **7+ years** of experience in System Analysis, Design, Development, Implementation, and Testing and implementation of business applications with **RDBMS, Data Warehouse/Data Mart, ETL, OLAP, Client/Server environment application**s for Financial, Pharmacy and Insurance Verticals.
* Solid experience in Data Warehousing Concepts like **Star Schema, Snow Flake Schema, Fact Table, Dimension Table, Logical Data Modeling, Physical Modeling, Dimension Data Modeling** using Erwin 4.0
* Directly responsible for the **Extraction, Transformation & Loading** of data from multiple sources into Data Warehouse.
* Using data modelers, translated business requirements into conceptual / logical **dimensional models**, experience in complex **normalized & demoralized** data models
* Extensively worked on data extraction, Transformation and loading data from various sources like **Oracle, SQL Server** and Flat files.
* Responsible for all activities related to the development, implementation, administration and support of ETL processes for large scale data warehouses using Informatica Power Center.
* Strong experience in Data Warehousing and ETL using Informatica Power Center.
* Had experience in data modeling using **Erwin, Star Schema Modeling**, and **Snowflake modeling, FACT** and **Dimensions tables**, physical and logical modeling.
* Strong skills in **Data Analysis, Data Requirement Analysis** and **Data Mapping** for ETL processes.
* Hands on experience in **tuning mappings**, identifying and resolving **performance bottlenecks** in various levels like sources, targets, mappings and sessions.
* Extensive experience in ETL design, development and maintenance using Oracle SQL, PL/SQL, **SQL Loader**, Informatica Power Center 7.x/8.x/9.x.
* Well versed in developing the complex SQL queries, unions and **multiple table joins** and experience with Views.
* Experienced at Creating effective Test data and development thorough **Unit test** cases to ensure successful execution of the data & used pager for notifying the alerts after successful completion.
* Excellent communication, documentation and presentation skills using tools like **Visio** and PowerPoint.
* Created mappings using different transformations like **Expression, Aggregator, Joiner, Lookup, Router, Update strategy, Filter** and **Stored Procedure transformations** to extract and integrate the data from different databases and files
* Implementation and Maintenance in **Client/Server architecture**, Informatica **Power Mart/Power Center**.
* Good experience in documenting **the ETL process flow** for better maintenance and analyzing the process flow
* Expert in **troubleshooting/debugging** and **improving performance** at different stages like, workflows, mappings
* Delivered optimum benefits and has full **life cycle implementation** exposure: Business Requirements Definition, **Modeling, Mapping, Data Conversion**, and **Validation**.
* **Quick learner** and adaptive to new and challenging technological environments
* **Excellent Interpersonal Skills** with the ability to work independently and with the team.

**Technical Skills:**

**Data Warehousing:** PowerCenter 9.5/9.1/8.X/7.1.3/7.1.2/7.1.1/7.0,Repository Admin Console, Power Exchange Navigator, Information Lifecycle Management (ILM)

**ETL**: Repository, Informatica Manager, Designer, Work Flow Manager, Work Flow Monitor, Source Analyzer, Warehouse Designer, Transformation Developer, Mapplet Designer, Mapping Designer, Workflow Designer, Task Developer, Worklet Designer, Gant Chart, Task View, Star Schema, Snowflake Schema, Data Warehouse, Data Mart, FACT tables, Dimension tables.

**Data Modeling**: Physical Modeling, Logical Modeling, Relational Modeling, Dimensional Modeling (Star Schema, Snow-Flake, FACT, Dimensions), Entities, Attributes, OLAP, OLTP, Cardinality, ER Diagrams, Erwin 4.2/4.0/3.5.5/3.5.2)

**Databases:** Oracle 7.x/8.x/9x/10g/11g, SQL Server 2008/2005/2003/2000, DB2 UDB 7.2, My SQL 5.0/4.1, MS-Access, Netezza, Teradata.

**Tools**: Toad, Erwin, Rational Rose, MS Project, Test Director, MS Visio, VMware View Client

**Environment**: UNIX (Sun Solaris, HP, Linux), Windows 2003/2000/XP/98

**Others**: Microsoft Word, Microsoft Excel, Outlook

**Professional Experience:**

**Humana, Louisville, KY (Mar.2012 – Till Date)**

**Role: Sr. Informatica Developer**

**Description:**

Humana Inc. is an American managed health care company that markets and administers health insurance. With customer base of over 11.1 million in the United States, the company is the largest (by revenues) Fortune 100 Company headquartered in the Commonwealth of Kentucky. Humana is committed to helping employers manage their healthcare costs, guiding consumers. The project mainly involved dealing with the Member Enrollment data, Member Extract data, Claims data, and Healthcare Plans Data.

**Responsibilities:**

* Gathered Business requirements from the end users and reporting team.
* Developed Informatica Mappings for the complex business requirements provided using different transformations like Normalizer, SQL Transformation, Expression, Aggregator, Joiner, Lookup, Sorter, Filter, Router and so on.
* Used Informatica Power Center 9.x for extraction, transformation and load (ETL) of data in the data warehouse.
* Implemented performance tuning logic on targets, sources, mappings, sessions to provide maximum efficiency and performance.
* Parameterized the mappings and increased the re-usability.
* Used Informatica Power Center Workflow manager to create sessions, workflows and batches to run with the logic embedded in the mappings.
* Created procedures to truncate data in the target before the session run.
* Used the PL/SQL procedures for Informatica mappings for truncating the data in target tables at run time.
* Created a list of the inconsistencies in the data load on the client side so as to review and correct the issues on their side.
* Created the ETL exception reports and validation reports after the data is loaded into the warehouse database.
* Written documentation to describe program development, logic, coding, testing, changes and corrections.
* Created Test cases for the mappings developed and then created integration Testing Document.
* Participated in the entire life cycle of the project, which involved understanding scope of the project, functionality, Data modeling, technical Architecture document, technical design and complete development.
* Involved in the documentation of HIPAA 5010 changes to EDI 837, 834, 835, 276, 277 Transactions.
* Designed and developed Operational Data Store, Slowly Changing Dimension, Staging areas etc.
* Involved in extraction of data from various sources like flat files, Oracle and SQL Server.
* Used debugger to test the mapping and fixed the bugs. Created and used Debugger sessions to debug sessions and created breakpoints for better analysis of mappings.
* Extensively worked in the UNIX environment using Shell Scripts.
* Implemented Slowly Changing dimension methodology (type 2) for accessing the full history of accounts and transaction information.
* Analyzed the session logs, bad files and error tables for troubleshooting mappings and sessions.
* Designed and Developed pre-session, post-session routines for Informatica sessions to drop and recreate indexes and key constraints for Bulk Loading.
* involved running the various types of Pipelines and running the Truecomp Data Mart etl's.
* involved in the automation of Truecomp activites through unix shellscripts.
* Created Indexes and sequences for faster retrieval of the member information and enhance the database performance.

**Environment** : **Informatica Power Center** 9.5/9.1/v 8.6.1, IBM Data Stage7.5.1, Power Exchange, Oracle 10g, DB2 UDB 7.2 IBM Rational Data Architect v7.0.5, HP 3000, XML/XSD, Qwest Center.

**Health Springs (CIGNA) Nashville, TN (Jun.2010 – Fab.2012)**

**Role: Sr.Informatica Developer**

**Responsibilities:**

* Interacting with clients and Business Stake Holders, Business Analysts to analysing the requirements.
* Created mappings and sessions to implement technical enhancements for data warehouse by extracting data from sources like Oracle and Delimited Flat files.
* Source and Target Definitions are imported from Source Analyzer and Target Designer connecting to databases using Relational and ODBC Connections.
* Developed Workflows using task developer, worklet designer, and workflow designer in Workflow manager and monitored the results using workflow monitor.
* Created various tasks like Session, Command, Timer and Event wait.
* Modified several of the existing mappings based on the user requirements and maintained existing mappings, sessions and workflows.
* Tuned the performance of mappings by following Informatica best practices and also applied several methods to get best performance by decreasing the run time of workflows.
* Prepared SQL Queries to validate the data in both source and target databases.
* Worked on TOAD and Oracle SQL Developer to develop queries and create procedures and packages in Oracle.
* Worked extensively on PL/SQL as part of the process to develop several scripts to handle different scenarios.
* Created Test cases for the mappings developed and then created integration Testing Document.
* Prepared the error handling document to maintain the error handling process.
* Automated the Informatica jobs using UNIX shell scripting.
* Closely worked with the reporting team to ensure that correct data is presented in the reports.
* Interaction with the offshore team on a daily basis on the development activities.
* Developing mappings to suite according to the source and target requirements and implemented various transformations such as Source Qualifier, Expression, Joiner, Java, Sorter, Aggregator, Router, Filter, Lookup, Sequence generator, Update strategy.
* Worked on lookups on target to implement inserts and update flows.
* Developed mappings to transform data from various sources (.csv, .xls, .txt, .xsd, .xml files) to various targets.
* Created email tasks to notify the success and failure of a work flow.
* Created command task to trigger files from source locations whenever the work flow gets execute.
* Checking the Error log files through UNIX for different jobs and solve the issues.
* Generated pre sql and post sql scripts at Informatica level.
* Used SQL Overrides in Lookups, Source filter in Source Qualifier
* Used parameter files to initialize the sessions and session variables.
* Analysed the data to determine the data cleansing requirements. Performed unit testing and involved in regression and integration testing phases.
* Developed SCD’s to maintain full history.

**Environment:** Informatica PowerCenter 9.X/8.6/8.1 (Repository Manager, PowerCenter Designer, Workflow Manager,Workflow Monitor), **Teradata,** SQLserver 2008, MS-Access, PeopleSoft, SSRS/SSIS, Unix, Window 7, JIRA, Active Batch, Informatica Power Exchanger, MS-Visio.

**Nationwide Insurance, Columbus, OH (Jun.2009 – May.2010)**

**Role: Informatica Developer**

**Responsibilities:**

* Extensively used Mapping Variables, Mapping Parameters, and Parameter Files for the capturing delta loads
* Worked with various tasks like Session, E-Mail, Workflows, Worklets, and Command
* Extensively worked with aggregate functions like Avg, Min, Max, First, Last, and Count in the Aggregator Transformation.
* Extensively used Normal Join, Full Outer Join, Detail Outer Join, and Master Outer Join in the Joiner Transformation.
* Extensively worked with various re-usable tasks, workflows, worklets, Mapplets, and re-usable transformations
* Implemented various new components like increasing the DTM Buffer Size, Database Estimation, Incremental Loading, Incremental aggregation, Validation Techniques, and load efficiency
* Worked with Session logs, Informatica Debugger and Performance logs for error handling workflows and session fails

**Environment:** Informatica Power Center 8.0/7.1.4(Repository Manager, Designer, Workflow Manager, and Workflow Monitor), Oracle 9i, SQL Server, CA Autosys, Teradata (T-Pump, Fast Load, Multi Load)

**Medtronic, Minneapolis, Minnesota (Nov.2007 – May.2009**

**Role: Informatica Developer**

Medtronic is the world’s largest medical technology company, offering an unprecedented breadth and depth of innovative therapies to fulfill a Mission of alleviating pain, restoring health, and extending life.

**Responsibilities:**

* Used Informatica as ETL Tool. Worked in all phases of Data Integration from heterogeneous sources, legacy systems to Target Database.
* Worked on Informatica Power Center tool Source Analyser, Warehouse designer, Mapping and Mapplet Designer, Transformations, Informatica Repository Manager, Informatica Workflow Manager and Workflow Monitor
* Creation of Transformations like Lookup, Joiner, Rank and Source Qualifier Transformations in the Informatica Designer.
* Created complex mappings using Unconnected Lookup, Sorter, Aggregator, newly changed dynamic Lookup and Router transformations for populating target table in efficient manner.
* Implemented Slowly Changing Dimensions - Type I II in different mappings as per the requirements.
* Strong experience in using Informatica Workflow Manager and Workflow Monitor to schedule and monitor session status.
* Extensively worked with various Lookup caches like Static cache, Dynamic cache and Persistent cache. .
* Responsible for migrate the code using export and Import utilities across various Instances
* Created pre sql and post sql scripts which need to be run at Informatica level.
* Responsible for Unit Testing of Mappings and Workflows.
* Implemented various loads like Daily Loads, Weekly Loads, and Quarterly Loads using Incremental Loading Strategy
* Experienced in database design, data analysis, development, SQL performance tuning, data warehousing ETL process and data conversions.
* Maintained effective communication with non-technical client personal and handled the change requests. Provided Production Support.

**Environment:** Informatica Powercenter 7.1.3, Repository Manager, Designer, XML Files, CSV files, PL SQL(Stored Procedure, Trigger, Packages), Teradata.,QlikView 9.0 8.5, Windows 2003 2007, UNIX AIX 5.3, UNIX

**Charles Schwab Co, SFO (Nov.2006 – Oct.2007)**

**ETL Developer**

**Roles Responsibilities:**

* Provide periodic updates to the Business and Analysts on showstoppers to ensure appropriate actions are taken.
* Interacting with Business unit to understand the business requirements and provide the possible solutions.
* Develop design specifications for data integrate & to populate Data warehouse databases and data analysis.
* Design, develop, test, deploy and manage the data integration BI systems.
* Experience in complex transformationslike Transaction control, Java transformation, Unconnected Stored Procedures, SQL, Normalizer, Lookup, Expression, aggregator, update strategy, and execution of test plans for loading the data successfully into the target table definition.
* Address performance issues requiring in ETL system and SQL tuning.
* Proficiency in Teradata utilities like BTEQ, tbuild mload, fast export and tpump.
* Designed and developed data marts to support reporting requirements and external applications that are fed from the DW.

**Environment:** Informatica Power Center 7.1, Power Designer, SQL, PL SQL, Flat Files, Business Objects 6.5 and Windows 2003,Linux AS 4.0

**PRUDENTIAL FINANCIAL, Paramus, New Jersey (May2006 – Oct.2006)**

**Informatica Developer**

**Job Responsibilities:**

* Worked on Informatica tools, Source Analyzer, Warehouse Designer, Mapping Designer, Workflow Manager and Workflow Monitor.
* Used Lookup Transformation to access data from tables, which are not the source for mapping.
* Responsible for the daily loads and handling the reject data. .
* Extensively worked with flat files and excel sheet data sources. Wrote batch scripts to automate flat file transportation local to Informatica server.
* Worked on different tasks in Workflows like sessions, events raise, event wait, decision, e-mail, command, Worklets, Assignment, Timer and scheduling of the workflow.
* Developed mapping parameters and variables to support SQL override.
* Created physical data models and procedures for DB2 and Oracle.
* Used Informatica Data Explorer and Informatica Data Quality for Data Quality Management and Data profiling purposes.
* Used Informatica Data Quality to formulate data conversion and data cleansing rules.
* Generated Perl scripts for data validation, data collection and data importing.
* Used techniques like source query tuning, single pass reading and caching lookups to achieve optimized performance.
* Used Teradata SQL Assistant to run the SQL queries and validate the data.
* Associated with Production support team in various performances related issues.

**Environment:** Informatica Power Center 7.0, Oracle8i, IDQ, Perl Scripting, Cognos, PL/SQL, SQL Navigator, DB2, ERWIN, Teradata SQL Assistant, Teradata BTEQ

**Education:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Bachelor of computer science, India