**Vinesh Kumar**

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**PROFESSIONAL SUMMARY:**

* Over 7+ years of experience in Information Technology including Data Warehouse/DataMart development using ETL/Informatica Power Center.
* Extensive experience in Data Integration, Master Data Management.
* Extensive experience in ETL/Informatica Power Center and data integration experience in developing ETL mappings and scripts using Informatica PowerCenter
* Experience in all the phases of Data warehouse life cycle involving Requirement Analysis, Design, Coding, Testing, and Deployment.
* Experience in working with business analysts to identify and understand requirements and translated them into ETL code in Requirement Analysis phase.
* Experience in creating High Level Design and Detailed Design in the Design phase.
* Expertise in creating very detailed design documents and performing Proof of Concepts (POC).
* Expertise in Business Model development with Dimensions, Hierarchies, Measures, Partitioning, Aggregation Rules, Time Series, Cache Management.
* Extensively worked on the ETL mappings, analysis and documentation of OLAP reports requirements. Solid understanding of OLAP concepts and challenges, especially with large data sets.
* Extensively created mapplets, common functions, reusable transformations, look-ups for better usability.
* Well versed in OLTP Data Modeling, Data warehousing concepts.
* Strong knowledge of Entity-Relationship concept, Facts and dimensions tables, slowly changing dimensions and Dimensional Modeling (Star Schema and Snow Flake Schema).
* Experience in integration of various data sources like Oracle, DB2, Sybase, SQL server and MS access and non-relational sources like flat files into staging area.
* Experienced with Teradata utilities FastLoad, MultiLoad, BTEQ scripting, FastExport, SQL Assitant
* Good understanding of Views, Synonyms, Indexes, Joins and Sub-Queries. Extensively used Cursors and Ref Cursors.
* Extensively used SQL, PL/SQL in writing Stored Procedures, Functions, Packages and Triggers.
* Experience in using Exception handling strategies to capture errors and referential integrity constraints of records during loading processes to notify the exception records to the source team.
* Experience in creating Reusable Transformations (Joiner, Sorter, Expression, Lookup, Router, Filter, Update Strategy, Sequence Generator, Aggregator, and Rank) and Mappings using Informatica Designer and processing tasks using Workflow Manager to move data from multiple sources into targets.
* Experienced in UNIX work environment, file transfers, job scheduling and error handling.
* Worked on Performance Tuning, identifying and resolving performance bottlenecks in various levels like sources, targets, mappings and sessions.
* Experience in creating Reusable Tasks (Sessions, Command, Email) and Non-Reusable Tasks (Decision, Event Wait, Event Raise, Timer, Assignment, Worklet, Control).
* Experience in writing, testing and implementation of the PL/SQL triggers, stored procedures, functions, packages.
* Involved in Unit testing, System testing to check whether the data loads into target are accurate.
* Knowledge in Bigdata components like HDFS, Hive, Scoop, Pig.
* Experience in support and knowledge transfer to the production team.
* Proficient in interaction with the business users by conducting meetings with the clients in Requirements Analysis phase.
* Expert in Oracle 11g/10g, IBM DB2 8.1, Sybase, SQL Server […] SQL, PL/SQL Stored procedures, functions, and exception handling using Toad and PLSQL.
* Extensive experience in Tuning and scaling the procedures for better performance by running explain plan and using different approaches like hint and bulk load.
* Experience working in Agile methodology and ability to manage change effectively.
* Responsible for Team Delivery and Participated in Design Reviews.
* Experience in control M Scripts
* Excellent communication, interpersonal skills, enthusiastic, knowledge-hungry self-starter, eager to meet challenges and quickly assimilate latest technologies concepts and ideas.
* Experience with Master Data Management. Concepts, Methodologies and ability to apply this knowledge in building MDM solutions.
* Working knowledge in SAP BO Data Services (BODS) is an ETL tool used for data integration, data quality, data profiling and data processing.

**TECHNICAL SKILLS:**

**Databases :** Oracle 10g/11i, SQL Server […] […] DB2, Teradata, Editors (SQL

Navigator, Toad) SQL Assistant, Teradata 14/13, My SQL

5.0/4.1, MS-Access

**ETL Tools :** Informatica PowerCenter 9.x, 8.x, 7.x, Informatica 9,

**Data Modeling Tools:** ERWIN, ER/Studio

**Programming Skills :** C++, Shell Scripting, PL/SQL, PERL, FORTRAN, HTML, JAVA

Script, J2EE, CSS

**Methodologies :** Data Modeling - Logical, Physical Dimensional Modeling

**Reporting Tools :** MS SQL Server Reporting services 2008 R2, Developer

2000(Forms 5.0, Reports 6i), Crystal Reports 10, OBIEE,

Business Objects, and Cognos.

**Operating Systems :** UNIX (Sun-Solaris, HP/UX), Windows

**PROFESSIONAL EXPERIENCE**

**Benesys, Troy Michigan Sep 2016 - Till Date**

**Sr. Informatica Developer/ETL Developer**

**Responsibilities:**

* Worked on this Project which requires Siebel data present in Oracle Database to be loaded to Flat Files, basically these requirements being Ad-hoc, have to handle these with great understanding.
* Worked with different Teams in building the Data Services and Web Services which cater the needs of the requirements.
* Involved in gathering business requirements, logical modelling, physical database design, data sourcing and data transformation, data loading, SQL and performance tuning.
* Extensively used the Teradata utilities like BTEQ, Fastload, Multiload, TPump, DDL Commands and DML Commands (SQL).
* Basically, this is ETL reporting where based on the Flat Files data the requirements keep changing instantly.
* Used Teradata SQL Assistant, Teradata Administrator, PMON and data load/export utilities like BTEQ, FastLoad, Multi Load, Fast Export, Tpump, TPT on UNIX/Windows environments and running the batch process for Teradata.
* Extensively worked on developing Informatica Mappings, Mapplets, Sessions, Workflows and Worklets for data loads from various sources such as Oracle, ASCII delimited Flat Files, EBCDIC files, COBOL & DB2.
* Experience in performance tuning on Teradata SQL Queries and Informatica mappings.
* Worked on Teradata SQL Assistant, Teradata administrator, Teradata view point and BTEQ scripts.
* Experience in migrations of project's application interfaces.
* Implemented PL/SQL queries, triggers and Stored Procedures as per the design and development related requirements of the project.
* Developed Informatica mappings with the collection of all Sources, Targets, and Transformations using Informatica Designer.
* Developed Mappings with various Transformations like Expression, Normalizer, Union, Filter, Router, Joiner and Lookups for better data messaging and to migrate clean and consistent data.
* Extracting data from various sources across the organization (Oracle, SQL Server and Flat files) and loading into staging area.
* Developing Informatica Mappings and Workflows to extract data and to load into Teradata staging area using Fast Load/Tpump utilities.
* Handling the File transfer through SFTP Scripts, which are running through Informatica and also having some Unix Shell Scripts used to send mails to Clients whenever there is success or failure depending upon the Business requirements to the Customers.
* Delivering the code from dev to stage and then stage to production using deployment tools like excel deploy.
* As it is a Single resource Project must take complete care of the code and the requirements from preparing the TDD to Code migration.
* Attended the scrum calls and provided the status of my current day to day activities.
* Worked on moving the code from DEV to QA to PROD and performed complete Unit Testing, Integration Testing, user Acceptance Testing for the three environments while moving the code.

**Environment:** Oracle, Teradata, Informatica Mutli domain MDM 9.5, Informatica power center 9.1, Toad, SQL Developer, Putty, UNIX, Windows, Databases: Oracle, Teradata

**Department of Aging and Disability Services (DADS), Austin, Texas June 2014 - Aug 2016**

**Informatica Developer/ETL Developer**

**Responsibilities:**

* Conducted JAD sessions with business users and SME's for better understanding of the reporting requirements.
* Design and developed end-to-end ETL process from various source systems to Staging area, from staging to Data Marts.
* Developed high level and detailed level technical and functional documents consisting of Detailed Design Documentation function test specification with use cases and unit test documents
* Analysis of source systems and work with business analysts to identify study and understand requirements and translate them into ETL code
* Handled technical and functional call across the teams.
* Responsible for the Extraction, Transformation and Loading (ETL) Architecture & Standards implementation
* Responsible for offshore Code delivery and review process
* Used Informatica to extract data from DB2, HL7, XML and Flat files to load the data into the Teradata
* Worked in all phases of Data Integration from heterogeneous sources, legacy systems to Target Database.
* Worked on Informatica Power Center tool - Source Analyzer, Warehouse designer, Mapping and Mapplet Designer, Transformations, Informatica Repository Manager, Informatica Workflow Manager and Workflow Monitor
* Involved in Design Review, code review, test review, and gave valuable suggestions.
* Worked with different Caches such as Index cache, Data cache, Lookup cache (Static, Dynamic and Persistence) and Join cache while developing the Mappings.
* Created partitions for parallel processing of data and also worked with DBAs to enhance the data load during production.
* Performance tuned informatica session, for large data files by increasing block size, data cache size, and target based commit
* Worked on CDC (Change Data Capture) to implement SCD (Slowly Changing Dimensions) Type 1 and Type 2.
* Worked with data Extraction, Transformation and Loading data using BTEQ, Fast load, Multiload
* Used the Teradata fast load/Multiload utilities to load data into tables
* Involved in writing a procedure to check the up-to-date statistics on tables.
* Used Informatica command task to transfer the files to bridge server to send the file to third party vendor.
* Took part in migration of jobs from UIT to SIT and to UAT
* Created FTP scripts and Conversion scripts to convert data into flat files to be used for Informatica sessions
* Involved in Informatica Code Migration across various Environments.
* Monitoring jobs using Unix shell scripting.

**Environment:** Informatica Power Center 9.1, Oracle 9i, Teradata, Fast load, Multiload, Teradata SQL Assistant, MS SQL Server 2012, SQL, T-SQL, SQL\*Plus, TOAD, Erwin, AIX, Shell Scripts, Autosys, Unix.

**Syntel, Pune, India May 2012 - Dec 2013**

**ETL Developer**

**Responsibilities**:

* Developed number of Complex Informatica Mappings, Mapplets and Reusable Transformations for the Marketable Security & Derivative Systems to facilitate one time, Daily, Monthly and Yearly Loading of Data.
* Developed mappings using various transformations like update strategy, lookup, stored procedure, Router, Filter, sequence generator, joiner, Aggregator, Expression, SQL transformation, Transaction Control transformation.
* Worked with different sources such as Oracle, flat files and XML sources.
* Involved in fixing invalid Mappings, testing of Stored Procedures and Functions, Unit and Integration Testing of Informatica Sessions, Batches and the Target Data.
* Developed Mappings for the Category, Specification, Code, Type areas.
* Created, configured, scheduled and monitored the sessions and workflows on the basis of run on demand, run on time using Informatica Power Center Workflow Manager.
* Involved in Production Support by performing Normal Loads, Bulk Loads, Initial Loads, Incremental Loads, Daily loads and Monthly loads.
* Modifying the existing Informatica code to accomplish the change requests for Dimension, Fact & Aggregate Tables.
* Mappings were designed to the utmost performance by optimizing transformations logic.
* Writing documentation to describe program development, logic, coding, testing, changes and corrections.

**Environment:** Informatica Power Center 8.1, DB2, Oracle 9i, Windows 2000, and UNIX.

**Skilled Res., Hyderabad, India Jan 2011- Apr 2012**

**ETL Developer**

**Responsibilities:**

* Created and Imported/Exported various Sources, Targets, and Transformations using Informatica Power Center Designer.
* Developed number of Complex Informatica Mappings, Mapplets and Reusable Transformations for the Sales and Marketing Systems to facilitate one time, Daily, Monthly and Yearly Loading of Data.
* Created ER Diagram representation including existing source systems by using Ervin Tool.
* Involved in fixing invalid Mappings, testing of Stored Procedures and Functions, Unit and Integration Testing of Informatica Sessions, Batches and the Target Data.
* Experience in Create, backup, restore for Informatica Repositories.
* Setup and maintain ETL administration best practices and procedures.
* Maintain all necessary updates and/or patches for the ETL environments.
* Monitors and tunes ETL repository and system for performance improvements
* Ability to perform root cause analysis, performance monitoring and application related issues
* Handle user access/ security role requests for new developers and projects.
* Write Repository Queries in support of developments and Production statistics.
* Developed Mappings for the Category, Specification, Code, Type areas.
* Responsible to design, develop and test the software (Informatica, PL SQL, UNIX shell scripts) to maintain the data marts (Extract data, Transform data, Load data)
* Providing solutions to improve efficiency (e.g., reduce costs while maintaining or improving performance levels)
* Optimized SQL queries for better performance using Hints, Indexes and Explain Plan.
* Join, Router, Look up and Update transformation rules (business rules)
* Developed schedules to automate the update processes and Informatica Sessions/ Batches.

**Environment:** Informatica Power Center 8/ 7.1, Oracle 9i, TOAD, SQL, PL/SQL, and UNIX.