**Name: Vamsi**

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**Professional Summary:**

* Over 7 years of experience in Requirements gathering, Gap analysis, Designing, Implementation, Coding, Testing, Production support and Resource Management in Data warehousing with business knowledge of Insurance and Telecom.
* Good working Experience in Software Development Life Cycle (SDLC) methodologies like Waterfall and Agile.
* Experienced in using ETL tools including Informatica PowerCenter 10.x/9.x/8.x, Power Mart, Power Exchange, Workflow Manager, Repository Manager, Administration console and Informatica Data Quality (IDQ).
* Performed the data profiling and analysis making use of Informatica Data Quality (IDQ).
* Used various Informatica Power Center and Data Quality transformations as - aggregator, source qualifier, update strategy, expression, joiner, lookup, router, sorter, filter, XML Parser, labeler, parser, address validator, match, merge, comparison and standardizer to perform various data loading and cleansing activities.
* Worked on various applications using Python integrated IDEs Eclipse.
* Extensively used Informatica data masking transformation to mask NPI data (SSN, birth date and account number etc.) in Dev and QA environments.
* Strong experience with Informatica tools using real-time Change Data Capture (CDC) andMD5.
* Experienced in using advanced concepts of Informatica like Push Down Optimization (PDO).
* Experienced in developing BI Reports and Dashboards using Pentaho Reports and Pentaho Dashboards.
* Designed and developed Informatica mappings including Type-I, Type-II and Type-IIIslowly changing dimensions (SCD).
* Created mappings using different IDQ transformations like Parser, Standardizer, Match, Labeler and Address Validator.
* Used Address validator transformation to validate source data with the reference data for standardizes addresses.
* Experienced in Teradata SQL Programming.
* Worked with Teradata utilities like Fast Load, Multi Load, Tpump and Teradata Parallel transporter.
* Experience in using Transformations, creating Informatica Mappings, Mapplets, Sessions, Worklets, Workflows and processing tasks using Informatica Designer / Workflow Manager.
* Experienced in scheduling Informatica jobs using scheduling tools like Tidal, Autosys and Control- M.
* More than one year of experience in JAVA, J2EE, Web Services, SOAP, HTML and XML related technologies demonstrating strong analytical and problem solving skills, computer proficiency and ability to follow through with projects from inception to completion.
* Extensive experience in Netezza database design and workload management.
* Experienced in writing SQL, PL/SQL programming, Stored Procedures, Functions, Triggers, Views and Materialized Views.
* Good command on Database as Oracle 11g/10g/9i/8i, Teradata 13, SQL Server 2008, Netezza and MS Access 2003.
* Data Modeling: Data modeling knowledge in Dimensional Data modeling, Star Schema, Snow-Flake Schema, FACT and Dimensions tables.
* Extensive experience in writing UNIX shell scripts and automation of the ETL processes using UNIX shell scripting.
* Experience in resolving on-going maintenance issues and bug fixes, monitoring Informatica sessions as well as performance tuning of mappings and sessions.
* Experience in using Golden Gate to support data replication in the Oracle database environment.
* Worked with other developers to match company deadlines, using Java and Ruby on Rails, MySQL, MongoDB, Redis, Jquery, Agile, Git, Ajax etc.
* Deftly executed multi-resource projects following Onsite Offshore model while serving as a Mentor for the Junior Team Members.
* Excellent communication and presentation skills, works well as an integral part of a team, as well as independently, intellectually flexible and adaptive to change.

**Technical Skills:**

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| --- | --- |
| **Data Warehousing /ETL** | Informatica PowerCenter 10.x/9.x/8.x, Informatica Data Quality 10.X/9.x, SSIS, Power Exchange, Metadata Manager 9.6.1, Data Mart, OLAP, OLTP and ERWIN 4.x/3.x. |
| **Data Modeling** | Dimensional Data Modeling, Data Modeling, Star Schema Modeling, Snow-Flake Modeling, FACT and Dimensions Tables, Facets, Physical and Logical Data Modeling, Erwin and Oracle Designer. |
| **Databases &Tools** | Oracle11g/10g/9i/8i, Teradata, DB2 UDB 8.5, SQL Server 2012/2008/2005, Netezza, Golden Gate, SQL\*Plus, SQL\*Loader and TOAD. |
| **Scheduling Tools** | Autosys, Tidal and Control-M. |
| **Reporting Tools** | OBIEE, Tableau, Business Objects XI/6.5/6.0 and Cognos Series 7.0. |
| **Programming Languages** | Unix Shell Scripting, SQL and PL/SQL Java, XML, XSD, Python Scripting, C#. |
| **Methodology** | Agile, Ruby, SCRUM and Waterfall. |
| **Environment** | Windows, UNIX and LINUX. |

**Professional Experience:**

**Client: Toys “R” Us, Wayne, New Jersey June 2017 – Till Date**

**Role: ETL/Informatica Developer**

**Responsibilities:**

* Design & Development of ETL mappings using Informatica Power Center 10.1.
* Architectural ETL Framework design and development to load CLAIM objects.
* Develop ETL Complex code to formulate business rules for Member and Provider.
* Developed and maintained ETL (Extract, Transform and Load) mappings to extract the data from source Netezza database and loaded it into Oracle tables.
* Developed Workflows and sessions associated with the mappings using Workflow Manager.
* Worked with Netezza database in Windows platform and contributed to building the customized ELT framework using Shell scripting.
* Worked on transformations like Transaction Control, Lookup, Router, Update Strategy and Sequence Generator.
* Teradata SP/View/BTEQ development and involving in the code review meetings
* Involved in Implementation of SCD1 and SCD2 data load strategies.
* Incremental build out of the data to support evolving data needs by adopting the agile methodology.
* Developed complex custom reports using Pentaho Report Designer which includes developing Business Views, Cascading pick-lists, Drill-through, Hyperlinks, sub-reports etc., functionality into these reports.
* Used Pentaho Kettle to build the ETL process from data sources to data mart, as well as scheduled the transformations and jobs.
* Used various types of inputs and outputs in Pentaho Kettle including Database Tables, MS Access, Text Files, Excel files and CSV files.
* Install and configure Golden gate software and replication using MGR, EXTRACT and PUMP processes.
* Developed UNIX shell scripts to trigger Teradata SP/BTEQ and worked with Teradata Utilities such as Multi Load, Ruby, Agile, Fast Load, Fast Export, BTEQ.
* Writing Data Validation scripts using complex sql, fluid queries to Netezza.
* Worked with various formats of files like delimited text files, click stream log files, Apache log files, Avro files, JSON files, XML Files XSD.
* Created Talend jobs to load data into various Oracle tables. Utilized Oracle stored procedures and wrote few Java code to capture global map variables and use them in the job.
* Developed the SQL scripts using NZSQL for Netezza and Procedures for the business rules using Unix Shell.
* Developed Python application for automating report generation using flask, SQL alchemy and MS SQL server.
* Designed and developed several SQL Server Stored Procedures, Triggers and Views.
* Used analytical and Windowing functions of Netezza to implement complex business logic.
* Replication and Extraction of data and applying on production using Golden Gate.
* Review all the development queries, performed optimization and query performance tuning using various techniques for Netezza Database.
* Involved in testing, identification and documentation of bugs and apply fixes to applications.
* Involved in Unit, Integration, System, and Performance testing levels.
* Migrated the code into QA (Testing) and supported QA team and UAT (User).
* Created detailed Unit Test Document with all possible Test cases/Scripts.
* Conducted code reviews on the code developed by my team mates before moving it into QA.
* Involved in developing test automation scripts using Perl/Python.
* Actively participated in Scrum meetings, review meetings and developed test scenarios.
* Create team specific agile process flow in JIRA to move tasks from one activity to another.
* Maintained documents for mapping logic, developer’s code and UIT SQL scripts.

**Environment:** Informatica Power Center 10.1, SQL, Netezza, Ruby, Teradata, Golden Gate, Python, Oracle 11g, Tidal, Golden Gate, Unix, JIRA and SVN.

**Client: T- Mobile, Bothell, WA Oct 2016 – May 2017**

**Role: Informatica/IDQ Developer**

**Responsibilities:**

* Involved in all phases of SDLC from requirement gathering, design, development, testing, Production, user   training and support for production environment.
* Designed table structure in Netezza.
* Designed various mappings and Mapplets using different Transformations Techniques such as Key Generator, Match, Labeler, Case Converter, Standardizer and Address Validator.
* Developed new mapping designs using various tools in Informatica like Source Analyzer, Warehouse Designer, Mapplet Designer and Mapping Designer.
* Developed the mappings using transformations in Informatica according to technical specifications.
* Created complex mappings that involved implementation of Business Logic to load data in to staging area, also used Pentaho Data Integration Designer v4.0 to extract data from various sources including flat files of fixed format, Excel, XML, CSVs and databases, MySQL and SQL Server and Monet DB.
* Code ETL scripts using Pentaho Data Integration suite, Kettle software [Spoon, Pan, Kitchen, Carte]
* Wrote Python scripts to parse XML documents and load the data in database.
* Implement Data Quality Rules using Informatica Data Quality (IDQ) to check correctness of the source files and perform the data cleansing/enrichment.
* Involved in massive data profiling using IDQ (Analyst tool) prior to data staging.
* Created profiles and score cards for the users using IDQ.
* Built several reusable components on IDQ using Parsers Standardizers and Reference tables.
* Developed Merge jobs in Python in order to extract and load data into MySQL database and used Test driven approach for developing applications.
* Used Informatica reusability at various levels of development.
* Involved in Database migrations from legacy systems, SQL server to Oracle and Netezza.
* Developed mappings/sessions using Informatica Power Center 9.6.1 for data loading.
* Performed data manipulations using various Informatica Transformations like Filter, Expression, Lookup (Connected and Un-Connected), Aggregate, Update Strategy, Normalizer, Joiner, Router, Sorter and Union.
* Created mappings, Mapplets according to Business requirement using Informatica big data version and deployed them as applications and exported to power center for scheduling.
* Created NZLOAD process to load data into DataMart in Netezza.
* Developed Workflows using task developer, Worklet designer and workflow designer in Workflow manager and monitored the results using workflow monitor.
* Building Reports according to user Requirement.
* Experienced in loading data between Netezza tables using NZSQL utility.
* Extracted data from Oracle and SQL Server then used Teradata for data warehousing.
* Implemented slowly changing dimension methodology for accessing the full history of accounts.
* Developed applications as Proof of Concept using Ruby on Rails, Javascript, HTML, CSS,   
  SQL, Node, Backbone, etc.
* Developed integration services using SOA, Web Services, SOAP, and WSDL
* Handling and resolving Golden Gate Unique constraint collusions.
* Written UNIX shell scripts to load data from flat files to Netezza database.
* Scheduling Informatica jobs and implementing dependencies if necessary using Autosys.
* Optimizing performance tuning at source, target, mapping and session level.
* Participated in weekly status meetings, and conducting internal and external reviews as well as formal walk through among various teams and documenting the proceedings.

**Environment:** Informatica Power Center 9.6.1, IDQ 9.6.1, Oracle 11g/10g, Teradata V2R5, Vertica, TOAD for Oracle, SQL Server 2008, PL/SQL, DB2, Netezza, Golden Gate, Agile, Ruby, Python, SQL, Erwin 4.5, Business Objects, Unix Shell Scripting (PERL), UNIX (AIX), Windows XP and Autosys.

**Client: Zurich Insurance,** **Indianapolis, IN Feb 2016 – Sep 2016**

**Role: ETL/ Informatica Developer**

**Responsibilities:**

* Applied Business rules that identify the relationships among the data using Informatica Data Quality (IDQ 8.6 8.6).
* Modified existing Informatica Data Quality (IDQ 8.6 8.6) Workflows to integrate the business rules to certify the quality of the Data.
* Defined measurable metrics and required attributes for the subject area to support a robust and successful deployment of the existing Informatica MDM 9.5 platform.
* Planed Informatica MDM 9.5 requirement analysis sessions with business users.
* Created Informatica MDM 9.5 Hub Console Mappings.
* Designed and tested packages to extract, transform and load data (ETL) using SSIS, designed packages which are utilized for tasks and transformations such as Execute SQL Task, Mapping the right and required data from source to destination, Data Flow Task, Data Conversion, For each Loop Container.
* Prepared the complete data mapping for all the migrated jobs using SSIS.
* Supported the process steps under development, test and production environment.
* Created Data stage jobs (ETL Process) for populating the data into the Data warehouse constantly from different source systems like ODS, flat files, HDFS Files and scheduled the same using Data Stage Sequencer for System Integration testing.
* Optimized and Tuned SQL queries and PL/SQL blocks to eliminate Full Table scans to reduce Disk I/O and Sorts.
* Developed, maintained programs for scheduling data loading and transformations using DataStage
* Developed mapping parameters and variables to support SQL override.
* Create the system to extract, transform and load market data, check correctness of data loading, use UNIX Korn shell and Perl, Ruby, Oracle stored procedures.
* Developed banking management scripts in python to support the chase website in creating user profiles, transactions for the withdrawals and deposit.
* Worked with IDQ on data quality for data cleansing, robust data, remove the unwanted data, correctness of data.
* STOP and START the Netezza appliances in case of issues.
* Basic Informatica administration such as creating folders, users, privileges, server setting optimization, and deployment groups, etc.
* Conducted sessions to help explain teams about the Netezza architecture and design.
* Performed the data profiling and analysis making use of Informatica Data Quality (IDQ).
* Proficient in importing/exporting large amounts of data from files to TERADATA and vice versa.
* Developed the DW ETL scripts using BTEQ, Stored Procedures, Macros in TERADATA
* Development of scripts for loading the data into the base tables in EDW using Fast Load, MultiLoad and BTEQ utilities of TERADATA.
* Created numerous scripts with TERADATA utilities BTEQ, MLOAD and FLOAD
* Analyzed the functional specifications provided by the data architect and created Technical System Design Documents and Source to Target mapping documents.
* Designed Audit table for ETL and developed Error Handling Processes for Bureau Submission.
* Created various UNIX Shell Scripts for scheduling various data cleansing scripts and Agile automated execution of workflows.
* Used Informatica IDQ to do data profiling of the source and check for the accuracy of data using dashboard.
* Used Pentaho Schema Workbench to create Cubes, Dimensions and fact tables in Pentaho.
* Saved Pentaho and informatica jobs in enterprise repository and scheduled them to run in production on daily basis.

**Environment:** Informatica Power Center 9.6, Oracle 11g, SQL, IDQ, Ruby, Agile, Teradata, DataStage, PL/SQL, PERL, Python, Netezza, TOAD, Microsoft Visio, Autosys, Unix, SQL Server 2008.

**Client: IMS Health Analytics Survives Pvt. Ltd, India June 2015 – Dec 2015**

**Role: ETL/Informatica Developer**

**Responsibilities:**

* Interacted with the Business Users to analyze the Business Requirements, High Level Document (HLD) and Low-Level Document (LLD) and transform the business requirements into the technical requirements.
* Contributed towards documenting EDW process flows as per AGILE methodology.
* Developed database Schemas like Star schema, Snowflake schema used in relational, dimensional and multidimensional data modeling using ERWIN and XSD (XML SCHEMA DEFINITION).
* Designed and Developed Oracle PL/SQL Package for initial loading and processing of Derivative Data.
* Worked with various Informatica client tools like Source Analyzer, Warehouse Designer, Mapping Designer, Mapplet Designer, Transformation Developer, Informatica Repository Manager and Workflow Manager.
* Implemented weekly error tracking and correction process using Informatica.
* Develop and execute load scripts using Teradata client utilities MULTILOAD, FASTLOAD and BTEQ.
* Performed the data profiling and analysis making use of Informatica Data Quality (IDQ).
* Implement Data Quality Rules using IDQ to check correctness of the source files and perform the data cleansing/enrichment.
* Created data load process to load data from OLTP sources into Netezza.
* Designed table structure in Netezza.
* Created external tables in NZLOAD process in Netezza.
* Experience in installation and configuration of core Informatica MDM Hub components such as Hub Console, Hub Store, Hub Server, Cleanse Match Server and Cleanse Adapter in Windows.
* Used massively parallel processing (MPP) architectures to provide high query performance and platform scalability.
* Developed Unix Korn shell wrapper scripts to accept parameters and scheduled the processes using Autosys.
* Developed Business Objects in accordance to client’s needs and requirements and implement Business Objects development and testing.
* Performed Data Quality checks, and developed ETL and Unix Shell Script processes to ensure flow of data of the desired quality.
* Performed Unit and Integration Testing of Informatica Sessions, Batches and Target Data.
* Actively involved in the Production support and also transferred knowledge to the other team members.

**Environment:** Informatica Power Center 9.1/8.6.1, IDQ, Oracle 11g/10g, Teradata V2R5, Vertica, TOAD for Oracle, SQL Server 2008, PL/SQL, DB2**,**Netezza, SQL, Erwin 4.5, Business Objects, Unix Shell Scripting (PERL), UNIX (AIX), Windows XP, Autosys.

**Client: Informatica Business Solutions Pvt. Ltd, India Jan 2014 – April 2015**

**Role: Informatica Developer**

**Responsibilities:**

* Created mappings and sessions to implement technical enhancements for data warehouse by extracting data from sources like Oracle and Delimited Flat files.
* Development of ETL using Informatica 8.6.
* Designed, implemented and production support the enterprise SOA/BPEL process   
  system to orchestrate with the various Corporation-wise systems in ESB   
  infrastructure with Weblogic infrastructure, Tomcat and JRun Technologies.
* Applied slowly changing dimensions like Type 1 and 2 effectively to handle the delta Loads.
* Prepared various mappings to load the data into different stages like Landing, Staging and Target tables.
* Expert in middleware integration components preferably in iPaaS platforms like such as Informatica Cloud Real Time(ICRT), Informatica Cloud.
* Used various transformations like Source Qualifier, Expression, Aggregator, Joiner, Filter, Lookup, Update Strategy Designing and optimizing the Mapping.
* Developed Workflows using task developer, worklets 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 SQLDeveloperto develop queries and create procedures and packages in Oracle.
* Created ODI packages, scenarios using interfaces, variables, procedure
* Used ODI commands like ODIFile\_Move, odiFileAppend, odiFilecopy etc.
* Implemented logic to archive the source files with date stamp affixed after the successful load. Performance tuned the ODI interfaces.
* 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.

**Environment:**Informatica Power Center, Informatica cloud, Netezza, Oracle 10g, MS-SQL Server, PL/SQL Developer, Bourne shell, Windows XP, TOAD, MS Office and Delimited Flat files, Control-M

**Client: Sellcraft Global Solutions Pvt. Ltd March 2011 – Dec 2013**

**Role: Informatica Developer**

**Responsibilities:**

* Interacted with business analysts and translate business requirements into technical specifications.
* Using Informatica Designer, developed mappings, which populated the data into the target.
* Used Source Analyzer and Warehouse Designer to import the source and target database schemas and the mapping designer to map the sources to the targets.
* Responsibilities included designing and developing complex Informatica mappings including Type-II slowly changing dimensions.
* Worked extensively on Workflow Manager, Workflow Monitor and Worklet Designer to create, edit and run workflows, tasks, shell scripts.
* Developed complex mappings/sessions using Informatica Power Center for data loading.
* Enhanced performance for Informatica session using large data files by using partitions, increasing block size, data cache size and target based commit interval.
* Extensively used aggregators, lookup, update strategy, router and joiner transformations.
* Developed the control files to load various sales data into the system via SQL\*Loader.
* Extensively used TOAD to analyze data and fix errors and develop.
* Involved in the design, development and testing of the PL/SQL stored procedures, packages for the ETL processes.
* Developed UNIX Shell scripts to automate repetitive database processes and maintained shell scripts for data conversion

**Environment**:  Informatica Power Center, Oracle 9i, PL/SQL, TOAD, UNIX, Control-M.