**Vishweshwar Reddy**

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# SUMMARY:

* Over 7+ years of experience as ETL Tester of data warehousing experience in building and managing various data warehouses/data marts using Informatica products: Power Center 9.1/8.6/8.0/7.1, Power Exchange. SQL Server / SSIS, SSRS and SSAS Developer
* Have worked extensively on analyzing project requirements and develop detailed specifications for the technical build.
* Experienced with ETL tool, Informatica, in designing and developing complex mappings, mapplets, transformations, workflows, worklets, and scheduled sessions.
* Hands on experience in ETL development processes using DTS and SSIS.
* Utilized workflow manager, workflow monitor and scheduled ETL jobs in Informatica.
* Proficient in developing, debugging, deploying SSIS Packages using SSIS designer.
* Experience in Extraction, Transformation and Loading of data from different heterogeneous source systems like Flat files (Fixed width & Delimited), XML Files, COBOL files, Excel, Oracle, Sybase, MS SQL Server and Teradata.
* Performance tuned targets, sources, mappings and sessions, co-coordinated with DBA’s and UNIX administrator for ETL tuning.
* Worked heavily on testing various Data warehouse ETL process with tools includes Informatica, DataStage, Ab Initio, SSIS as well as many reports developed used various BI tools includes Business Objects, Cognos, Micro strategy, OBIEE, SSRS and Crystal Reports .
* Performed Functional, Regression, and system testing of various Facets modules involved in claims processing, members and providers.
* Migrated code from Sagent to informatica 9.x and tested all objects developed and checked their end to end consistency in new environment.
* Used stored procedures, functions, triggers, joins, views and packages in PL/SQL & Oracle 10g/9i/8i: Written SQL queries, stored procedures, and cursors Migrated PLSQL code to Informatica mappings.
* Developed interface for data transfer/data loading using PL/SQL programs, SQL\*Loader & Informatica.
* Interfaced TOAD to analyze, view and alter tables in various databases.
* Prepared star & snowflake data models and involved in designing EDW (enterprise data warehouses).
* Configured Informatica Data Quality (IDQ), defined rules, built scorecards, applied metrics and grouped into various dimensions in IDQ.
* Implemented data cleansing, tuning, profiling and reports, dashboards to display DQ results using IDQ.
* Developed data cleanup procedures, transformations, scripts, stored procedures and executed test plans for loading data successfully into targets.
* Knowledge of Jasper soft reporting tool and integration to IDQ tool.
* Involved in unit, integration & system testing and code migration between various environments.
* Exceptional problem solving and decision making capabilities, recognized by associates for quality of data, alternative solutions, and confident, accurate, decision making.

**TECHNICAL SKILLS:**

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| **Hardware/OS** | Windows XP/2000/2003 ,Sun Solaris, AIX, UNIX  LINUX,Tomcat Apache, IIS Server |
| **ETL Tools:** | Informatica Power Center (9X,8X,7X,6X)  Informatica Data Quality, Datastage, SSIS, DTS |
| **Tools** | Toad 7.4, Erwin Data Modeller, Oracle Designer Professional  SQL \*Plus, PL/SQL Developer, SQL Developer, Test Directory  Autosys, Control-M, Version One, HP Quality Center |
| **Languages** | SQL, PL/SQL, Shell Scripting |
| **Data Bases:** | Oracle 9i/10g/11g ,DB2, Sybase, SQL Server 2005& 2008 |
| **Reporting Tools:** | Crystal Reports, Cognos Report , SSRS, Business Objects |
| **Methods** | dimensional modeling , business intelligence reporting , agile methodology |

### EXPERIENCE

**HCA Healthcare,  Nashville, TN**

**Jun’15 – Aug 2017**

**Sr. ETL Analyst**   
Description: The project is to build an Application data warehouse by taking heterogeneous sources like flat files, Mainframes, oracle and transforming the data according to the specifications and loading in to the financial data warehouse which will be very useful to Business Intelligence people to query the data from data warehouse for reports and analysis of the business in future.  
**Responsibilities**

* Developed the Test Plan and Testing Strategy for Web Based Testing
* Tested web based application for Usability, Interface, Compatibility, performance and Security.
* Written Test Scripts based on the Business requirements and executed Functional testing and data validation, data reconciliation with defect correction and retesting, followed by regression and performance testing.
* Wrote the test cases for Service Oriented Architecture system(SOA)
* Involved in FACETS Implementation, involved end to end testing of FACETS Billing, Claim Processing and Subscriber/Member module.
* Performed Functional testing of web applications for Cookies, Links, HTML Validation and Database.
* Involved in manual testing of transformation rules for patients data movement from legacy system to EDW.
* Reviewed Informatica ETL mappings/workflows and SQL that populates EDW and data mart Dimension and Fact tables to ensure accuracy of business requirements.
* Set claim processing data for different FACETS Module.
* Tested the ETL Informatica mappings and other ETL Processes (Data Warehouse Testing) from ODS to EDW
* Defects identified in testing environment where communicated to the developers using defect tracking tool Quality Center.
* Prepared Test Cases based on business requirements and business rules for HIPPA EDI Transaction 834, 276/277, 270/271, 837/835. Tested all HIPAA transactions for multi-version support and validating the database to file elements.
* Involved in extensive DATA validation using SQL queries and back-end testing
* Tested both conditional formatting and threshold level testing for several reports developed in Business Objects XIR3.
* Tested Enterprise Data Warehouses using Informatica Power Center, DataStage, Ab Initio and SSIS ETL tools.
* Validate the date from EDI transaction. Tested the HIPPA EDI 834, 270/271, 276/277, 837/835 transactions according to test scenarios and verify the data on different modules.
* Involved in Manual and Automated Basel II web Compliance tools testing using QTP/Quality Center/RQM
* TOAD is used to perform manual test in regular basis. UNIX and Oracle are using in this project to write Shell Scripts and SQL queries
* Worked under development method Agile (Methodology) and SDLC
* Used SQL for Querying the DB2 database in UNIX environment
* Involved in Data Analysis, Data Validation, Data Cleansing, Data Verification and identifying data mismatch of patients and claims.
* Validated format of the reports and feeds.
* Validated the data of reports by writing SQL queries in PL/SQL Developer against ODS.
* Extracted data from various sources like Oracle, flat files and SQL Server.
* Created Test Cases in Quality Center, executed Test Cases, and reported defects.
* Developed automation test scripts to test the database by retrieving the data from the tables using HP QTP 10 and VB Scripting.
* Designed and developed UNIX shell scripts as part of the ETL process, automate the process of loading, pulling the data.
* Worked on issues with migration from development to testing for different data loading jobs
* Tested database tables for data integrity using SQL scripts and TOAD
* Checking the status of ETL jobs in UNIX and tailing the log files while the loading is under processing.
* Validated cube and query data from the reporting system back to the source system.
* Tested Business Objects reports and written test cases using HP Quality Center.
* Experience in creating UNIX scripts for file transfer and file manipulation.
* Extensively involved with backend testing by writing complex SQL queries.
* Worked with Data Completeness, Data Transformation, Data Quality, Integration, UAT testing and Regression testing for ETL and BI group.
* Defect logs were created in Quality Center and coordinated with Development team in fixing the defects.
* Write SQL queries to validate that actual test results match with expected results
* Preparing Defect Reports and Test Summary Report documents.

**Environment**: Informatica Power Center Oracle 11g, Flat Files, Facet, PL/SQL, ERWIN Data Modeling tool, Windows ,UNIX scripting. SQL Server 2012/2008/2005, SSIS, SSRS,SSAS

**MVP Health Care, Rochester, NY**

**ETL Analyst**

**Jan’13 – May’15**

**Description:** The project is to build the Data Marts based on subject areas which is used for report generation to analyze and to take decisions about the their products, eligibility, providers, billing, accounting and claims .This project involved extracting data from Heterogeneous Data sources like Sybase and Flat Files, transforming the data and then loading the data into the target Data Mart for Warehouse operations.

**Responsibilities**

* Involved in requirement analysis, ETL design and development for extracting data from source systems: Oracle, flat files, XML files and data mart loading.
* Worked with analysts and data source systems experts to map requirements to ETL code.
* Created packages in SSIS Designer using Control Flow and Data Flow Transformations to implement business rules.
* Maintained Requirement Traceability Matrix (RTM) to make sure that test plans were written for all the requirements.
* Tested the validity of the data cleaning done by the ETL by writing SQL queries.
* Created test cases and test scenarios looking at the PLM Business Requirement Documents: Benefits Requirement Documentation, GCP Documentation for testing.
* Manually performed User Acceptance Testing (UAT).Involved in maintaining Test Matrix and Traceability Matrix and performing Gap Analysis.
* Identified the requirements for accommodating HIPAA standards for 837P transactions and captured these requirements to develop new GUI for the internet based application.
* Extensively worked with EDI transactions such as 837 following the HIPAA compliance EDI standard format of X12
* Involved in Facets implementation, end-to-end testing of Facets applications like Claims Processing, Provider,   Subscriber/Member, Utilization Management, etc.
* Executed test cases for the new market as well as existing market’s various line of business.
* Performed positive testing and negative testing manually.
* Tested the ETL Informatica mappings and other ETL Processes (Data Warehouse Testing)
* Created ETL test data for all ETL mapping rules to test the functionality of the Informatica mapping.
* Used HP ALM Quality Center11.0 and as the bug-reporting tool and testing tool.
* Used Hybrid Methodology (Agile + Waterfall) for System Integration Testing.
* Worked on Waterfall, V-Model, Scrum and Agile SDLC processes.
* Used select, inner joins, aggregates (SQL) to verify data with expected data.
* Wrote SQL queries to validate actual record with expected record data
* Followed a hybrid approach by using both Waterfall and Agile Lifecycle.
* The Targeted testing for most of the projects were testing of Benefits, Claims Payment, Authorization, Pricing, Readiness Review.
* Performed Back end Testing-using SQL queries, generating reports to ensure data integrity and validate the inserted and updated data
* Analyzed the responses of the web service using SOAP UI and validating the data in backend.
* Performed Functional, Regression, and system testing of various Facets modules involved in claims processing, members and providers.
* Responsible for design and implementation for loading ODS and updating warehouse.
* Created utility scripts to manage and scrub incoming source files, to move files between directories, report and trend file metadata and frequency.
* Developed SSIS Packages and SQL scripts to extract the data from OLTP system to flat files and for pre-calculated aggregates, summaries, and user specific calculations.
* Written SQL scripts to avoid Informatica joiners and look-ups to improve performance of data volume.
* Used Control-M to schedule jobs for maintaining database objects & Unix scripts
* Created deployment groups to deploy objects to migrate code to higher environments.

**Environment:** Informatica Power Center Oracle 10g, SQL Server TOAD, Perl scripts, Facet, Rational Clear case, Control-M, MS Visio, ALM, Mainframes, UNIX,

**Specialized HealthCare Inc, Augusta, GA**

**ETL DW Tester**

**May’10 – Dec’12**

**Description:** Specialized HealthCare Inc, is one of the largest nonprofit health care organizations in the United States, and is focused full life cycle development of data warehouse projects Utilized Agile/SCRUM development methods for defining use-case points, studies and user stories And designing the model of ODS to automate and maintain the ETL process. Business Intelligence (Reporting) Data warehouse  
**Responsibilities**

* Designs and develops the logical and physical data models to support the Data Marts and the Data Warehouse
* Involved in the requirement definition and analysis in support of Data Warehouse and ODS efforts.
* Worked closely with the Enterprise Data Warehouse team and Business Intelligence Architecture team to understand repository objects that support the business requirement and process.
* Worked as ETL Tester responsible for the requirements / ETL Analysis, ETL Testing and designing of the flow and the logic for the Data warehouse project. Involved in extensive DATA validation using SQL queries and back-end testing
* Managed the Metadata associated with ETL processes used to populate the data warehouse.
* Worked with analysts and data source systems experts to map requirements to ETL code.
* Involved in validating SSIS and SSRS packages according to functional requirements.
* Identified/documented data sources and transformation rules required to populate and maintain data warehouse content.
* Worked closely with the Enterprise Data Warehouse team and Business Intelligence
* Responsible to tune ETL procedures and schemas to optimize load and query Performance.
* Designed Data Stage ETL jobs for extracting data from heterogeneous source systems, transform and finally load into the Data Marts.
* Worked on FACETS Claims Payment and Adjustments (Up adjusted and down adjusted)
* Experienced in Claim Processing such as Submission, Claims inquiry, Remittance, Explanation of Benefits, Discounts, Adjustment, Accumulators, Interest calculations, Split payment, Finalization, COB.
* Tested ICD 10-Diagnosis and Procedural Codes along with CPT and HCPCS codes in Medicare
* Developed the test cases as per the HIPAA regulations (270, 271, 275, 276, 278, 834, and 837)
* Worked on System Testing (functional Testing) of NYS 837I (Institutional Claims and NYS 820 Medicaid Premium Payment).
* Prepared Logical Data Models that contains set of Entity Relationship Diagrams and Data Flow Diagrams and supporting documents and descriptions of the Relationships between the data elements to analyze and document the Business Data Requirements.
* Understanding the Business requirements based on Functional specification to design the ETL methodology in technical specifications.
* Created Profiles and Roles based on Organizational role hierarchy, implemented Record-Level and Field-level security and configured their sharing settings.
* Validated several SSIS and SSRS packages to verify that they are working according to BRS.
* Wrote SQL queries to validate source data versus data in the data warehouse including identification of duplicate records.
* Tested the application by writing SQL Queries and creating pivot views as to perform back-endtesting.
* Creating Low level documents for creating maps to load the data from the ODS through the warehouse.
* Used UML to produce Use Case models, Activity and Sequence diagrams, as part of the detailed design of interfaces.

**Environment:** ODS, RUP, Rational Requisite Pro, Visio, MS Project, MS Office, SQL, Security Controls, Data warehouse, implementation, Business Objects, SSRS, SSIS, ETL Testing