**Rajendra Prasad Adhikari**

**ETL QA Engineer**

* Over 7 years of IT experience in Manual, Data warehousing testing with extensive usage of SQL, PL/SQL, UNIX, Shell Scripting& HP QC.
* Hands on expertise in Data Migration, Data ware housing concepts and tools. Involved in the ETL processes where in the organizations using Datastage, Informatica, and Ab Initio and Autosys tools were.
* Experienced working with multiple databases like SQL Server, Netezza, Oracle, Teradata, Sybase & DB2.
* Experienced in setting test environment and preparing mock data to test ETL and BI applications.
* Experienced in testing Business Report developed in OBIEE, Business Objects, Cognos, SSRS.
* Experienced in using informatica DVO testing tool.
* Experienced in manually testing the job scheduling that were designed using Autosys and Control-M.
* Automated and scheduled the Informatica jobs using UNIX Shell Scripting.
* Worked with different Oracle Packages, Stored Procedures, Functions and Database Triggers using PL/SQL. Efficiently used Oracle utilities like SQL Loader, Export/Import in UNIX environment.
* Good working knowledge with QA Methodology and QA Validations to ensure the Quality.
* Extensive experience in all phases of SDLC methodologies Agile, Waterfall etc.
* Expertise in analyzing business requirements, developing Test plans, Test cases, Test Scripts
* Experience in Manual, Functional and Automated Software Testing tools QTP.
* Solid Back-end testing experience in writing and executing SQL Queries.
* Performed Data Migration testing where SQL was used heavily for validating data between source and target databases.
* Involved in testing the reports dashboards, prompts, and drill down, drill ups, filters and various pivot reports.
* Exceptional time management skills and able to handle multiple competing priorities in a fast-paced environment.
* Excellent Communication, Analytical and Interpersonal skills.

**Technical Skills:**

|  |  |
| --- | --- |
| ETL Tools: | Informatica (PowerMart&PowerCenter), Abinitio, Datastage |
| BI Tools: | Business Objects XIR4, Cognos, Crystal Reports, OBIEE, Tableau |
| Testing Tools: | HP Quality Center 10.0/AlM, Rational Clear Quest, Bugzilla, Rally |
| Databases: | SSMS 2012, Oracle 12c/10g/9i, Teradata 16.20v, DB2, Sybase 12.5, Netezza |
| Programming Languages: | SQL, PL/SQL, UNIX Shell Scripting and JavaScript, R |
| Operating System: | MS–Windows 9x/NT/2000/XP, UNIX (Sun Solaris 5.8) |
| Other Tools: | TOAD 8.x and SQL plus, Autosys, Control-M, JIRA, Microsoft officer |

**Professional Experience:**

**Blue Cross Blue Shield Illinois (BCBSIL)**

**Chicago**

**ETL Tester/Data Analyst (2018 January - Present)**

**Responsibilities:**

* Understand Business requirement document/Mapping document and business rules.
* Validation of data transformations and perform End-to-End data validation for ETL & BI systems.
* Strong in ETL data validation developed using Informatica environments.
* Strong in BI report validation developed using Tableau.
* Exposure to DB tools: Toad/PL SQL developer/SQL Plus.
* Strong in SQL preparation in Oracle/SQL Server/DB2/Teradata RDBMS.
* Wrote SQL queries and tested front end developed data in the databases.
* Strong knowledge on ETL and BI processes.
* Work in support of the development of company products, tools, platforms and services.
* Providing status metrics on testing.
* Provide demos/walk through regarding testing results.
* Develop and Design ETL test cases, scenarios, and scripts to ensure quality Data warehouse / BI applications.
* Perform data analytical testing for the BI systems.
* Prepared test plan and test cases for testing.
* Analyzing Host Membership and claims data.
* Validated ETL process and reports using SQL queries.
* Create SAS Library and run SAS Code find error, warning massage and troubleshoot.
* Prepared Doucumet from SAS Code (Macro Variable, Database connection).
* Actively participated in enhancement meetings, project review meetings, Weekly status meetings and various other meetings which were focused on making the application more effective.
* Written complex SQL queries for validating the transformation rules for ETL mappings.
* Worked on Informatica Power Center tool - Source Analyzer, warehouse designer, Mapping Designer, Mapplet Designer and Transformation Developer.
* Designed mappings for dimensions and facts.
* Supported Testing team, UAT Team & Productions support team.
* Tested graphical representation of reports such as Bar charts, Pie charts as per End user requirements.
* Tested ad hoc and canned reports for Business objects.

**Environment**: Oracle 12c, Teradata 16.20v, SSMS 2012, Squirrel 3.3.0, Informatica 10, SAS EG 7.1, GitHub, R,Tableau, JIRA, Microsoft Planner, word, Excel 2016,Notepad++

**Farm Credit bank of Texas (Feb 2015 – Sept 2017)**

**ETL test Engineer**

**Responsibilities:**

* Worked on testing various process that generates Balance sheets, profit and loss statements, financial statements, cash flow, breakeven analysis, ratio analysis.
* Verified processed customer transactions using computerized methods, accurately recorded financial transactions, and generated receipts.
* Prepared test plans, test cases and various QA artifacts and reviewed with the project team before test execution.
* Prepared RTM which shows a complete coverage of test cases against the requirements.
* Discussed the test cases for regression testing and scope for automation with the quality engineers for each build.
* Validated and executed ETL jobs scheduled in Autosys.
* Wrote SQL queries to validate the business logic of the application.
* Experience with design, develop, mapping and delivery of ETL process using informatica.
* Experienced in using informatica DVO testing tool.
* Interacted with the development team to report bugs and discuss the status of bugs with open status or hold status.
* Involved in various documentation tasks such as daily status reports, weekly progress reports, Requirements traceability Metrics (RTM) and defect logs.
* Validated Microstrategy reports for cosmetic, function and data.
* Extensively used Quality Center for test planning, test execution and bug tracking and reporting.
* Responsible for creating test bed for the application with valid and invalid data covering all positive and negative test scenarios.
* Actively participated in enhancement meetings, project review meetings, Weekly status meetings and various other meetings which were focused on making the application more effective.
* Automated test cases, for data driven tests and linked test scripts using QTP to perform Regression testing of different application versions.
* Creating Test sets using HP ALM.

**Environment:** Informatica 9.5.1, Oracle 12C, DB2, Business Object 4.1, HP ALM, UFT 11.5,Microstrategy, Windows, Unix, MS Excel, MS Word,Putty,Autosys,TOAD,Office Communicator, SharePoint.

**Lennar corporation, Miami FL (May 2013 – Nov 2014)**

**QA/MDM Test Engineer**

**Responsibilities:**

* Prepared and executed Test Cases manually according to the BRD, Technical Specification, Functional Design and Use Case documents, identifying applications functionality, test requirements and coverage.
* Performed regression testing against the various builds of the application.
* Wrote SQL queries and tested front end developed data in the databases.
* Executed automated test scripts using QTP 9.2 to perform through testing.
* Integration and testing of MDM system to facilitate better product management.
* Develop and automate Web Services API testing using SoapUI frameworks.
* Defects were tracked, reviewed, analyzed and reported using Quality Centre.
* Prepared test cases for the ETL application according to technical specification document and extensively tested data extraction, transformations and loading processes.
* Validated ETL process and reports using SQL queries.
* Validated the ETL mappings and Sessions developed in Informatica.
* Migrating their legacy application data to MDM system.
* Performed Configuration and compatibility testing, verified the application on different operating systems.
* Interfaced with developers to resolve technical issues and investigated software faults.
* Prepared RTM Document to ensure that all the requirements had sufficient coverage for through testing.
* Analyzed the functional specifications and helped team members to achieve test goal.
* Defects were tracked, reviewed, analyzed and reported using Quality Center.
* Designing test scenarios and test cases and testing all Data Migration and Data transformation rules and major MDM functionalities like Match & Merge, Suspect Duplication, and Survivorship etc.
* Tested the reports developed in the system as per company standards and requirements
* Prepared documentation of the Prescription fulfilment and management module for management review and project presentations.
* Responsible for giving demonstrations and presentation to the management and mentoring other junior team members.
* Performed match/merge and ran match rules to check the effectiveness of MDM process on data
* Involved in auditing documentation for CMMI certification.

**Environment:** Informatica MDM, SQL, HP Quality Center 10, Informatica 9.0, Windows XP, Quick Test Professional , JSP, Java, MS Excel, MS word, Oracle 10g,TOAD,Putty.

**US Food Services, Chicago, IL (Jun 2012 – Apr 2013)**

**Manual/DW Tester – Retail Data Mart**

**Responsibilities:**

* Tested all phases of ETL testing including Extraction, Transformation and Loading.
* Tested various Drill down reports and Alerts. Business Intelligence reports using Web Intelligence module.
* Extensively used Informatica power center for extraction, transformation and loading process.
* Worked with ETL group for understating mappings for dimensions and facts.
* Optimizing/Tuning several complex SQL queries for better performance and efficiency.
* Created various PL/SQL stored procedures for dropping and recreating indexes on target tables.
* Worked on issues with migration from development to testing.
* Designed and developed UNIX shell scripts as part of the ETL process, automate the process of loading, pulling the data.
* Tested test scenarios that were used to validate the ETL movement
* Written complex SQL queries for validating the transformation rules for ETL mappings.
* Developed test scripts using QTP for Functionality and Regression Testing
* Involved in conversion of WinRunner scripts to QTP (Quick Test Pro)
* Tested Korn Shell scripts and cron jobs to refresh the load on weekly basis.
* Tested ad hoc and canned reports for Business objects.
* Tested reports for various portfolios using universe as the main data provider.
* Tested reports using Business Objects functionality like Queries, Slice and Dice, Drill down, @Functions, Formulae etc.
* Tested graphical representation of reports such as Bar charts, Pie charts as per End user requirements.
* Tested Desktop Intelligence and Web Intelligence reports.

**Environment**: Oracle 9i/10g, SQL, PL/SQL, Informatica , OBIEE, Stored Procedures, XML, XSD, Unix Shell Scripting, Teradata V2R5, SQL Assistant 6.0, QTP9.2, Business Objects 6.5.