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SUMMARY

**Quality Analyst/ ETL tester with 9+** years of industry experience specialize in manual and automated testing, ETL tests/ Data Warehouse testing, UAT testing, Regression tests, GUI testing and have strong knowledge of SDLC and STLC. Extensive experience in writing test scenarios, test cases, test scripts, test plans and hands on experience with Technologies like **Informatica, Teradata, Sql Server, UNIX and Cognos**.

**PROFESSIONAL SUMMARY**

* Expertise in querying and testing **RDBMS** such as **Oracle**, **MSSQL Server** using **SQL**, **PL/SQL** for data integrity.
* Ability to interact with developers and Business Analyst regarding testing status, defects and change tracking using Quality Centre and Clear Quest.
* Experience in developing, reviewing and executing Test Strategy, Test plans, Test scenarios and Test Cases/ Scripts
* Experience in manual testing process and in creating automation environment using Quick Test Pro (QTP), Load Runner, Win Runner, Test Director, and Quality Center.
* Hands on experience with source to target mapping in enterprise data warehouse environment.
* Experience in ETL Tools (Informatica) ,OLAP Tools ,Database Testing and UNIX
* Extensive experience in testing Informatica Workflows and sessions using Informatica Work flow manager
* Hands on experience with SQL knowledge.
* Created ETL test data for all ETL mapping rules to test the functionality of the Informatica graphs.
* Extensively involved in preparing Master Test Plan, Estimations and Test Result and Summary reports
* Tested the ETL Informatica mappings and other ETL Processes (Data Warehouse Testing)
* Sound Knowledge and experience in Metadata and Star schema/Snowflake schema. Analyzed Source Systems, Staging area, Fact and Dimension tables in Target D/W.
* Familiarity and experience in the work environment consisting Stakeholders, Subject Matter Experts, Database modelers, Database developers and Database Administration.
* Experience in Reports testing in Crystal Reports XI Environment.
* Having experience on BI reporting services - COGNOS
* Hands-on experience and strong understanding of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
* Good experience of Quality Assurance methodologies like Waterfall, V-Model, Agile, Scrum, RAD, TDD.
* Experience in creating Traceability Matrix to ensure comprehensive test coverage of requirements.

**TECHNICAL SKILLS**

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| Application Environment | C, C++, JAVA, XML, .NET Framework, ASP.NET, EDI, Crystal, .NET Web Services, SSIS/ SSRS/ SSAS, SOA, CSS, Java, TFS, Test Manager, Putty |
| Database | SQL Server 2012/2008, Oracle 11g. 10g, 9i, MySQL, Access, MS Access. |
| Methodologies | Waterfall, Agile, Scrum, UML. |
| Data Warehouse and ETL tools | Informatica, Oracle, Business Objects, Cognos, Crystal Reports |
| **Operating Systems** | UNIX, LINUX, Windows – 7, Vista, XP, NT, 2003, 2000 |
| **MS SUITE** | MS Office (Word, Excel, PowerPoint, Outlook), MS Visio, MS Project |

**PROFESSIONAL EXPERIENCE**

**TJX Companies Inc., Westborough, MA** 10/2012 – Present

**Sr. ETL Tester**

**Roles and Responsibilities:**

* Responsible for testing and reviewing of ETL mapping and transformation specifications based on the business requirements from various teams and the business teams.
* Testing of ETL jobs that are scheduled for file transfers from Operational Data Stores to designated file systems/directories.
* Tested various Reusable ETL Transformations which facilitate Daily, Weekly & Monthly Loading of Data.
* Tested the performance bottle necks at sources, targets, mappings, and sessions and employed required measures.
* Used Toad and SQL Plus for testing execution of ETL Processes' PL/SQL procedures, packages for business rules.
* Tested Triggers which were enforcing Integrity constraints, stored procedures for complex business logic complementing the Informatica sessions.
* Create Crystal Reports, which would facilitate decision-making. The Crystal Reports designed were complex and used formulas, parameters, selection criteria, sub reports etc.
* Created Integrated summary data from multiple Oracle tables to represent the business perspective of the top management executives
* Reviewed the Business Requirement Document to understand the process and write Test Plan and Test Cases.
* Formulate methods to perform Positive and Negative testing against requirements.
* Conducted Smoke testing, Functional testing, Regression testing, Integration testing, User Acceptance Testing (UAT) and Data validation testing.
* Used Agile testing methodology for achieving deadlines in UAT.
* Developed automated Test scripts using QTP to perform Functional and Regression testing.
* Executed and managed test cases and reported bugs in Quality Center.
* Performed Verification, Validation, and Transformations on the Input data (Text files, XML files) before loading into target database.
* Responsible for validation of Target data in Data Warehouse and Data Marts which are Transformed and Loaded using Informatica Power Center.
* Validated data in between source and target after running Mappings by the Informatica developer team.
* Prepared scripts, running tests, Analyzing results in Load Runner 9.1 for Performance testing.
* Developed SQL queries to check the database automatically and checking the data integrity in accordance with business standards of the company.
* Used TOAD for SQL Server to write SQL queries for validating constraints, indexes.
* Responsible to send the Data Warehouse Quality report to the QA manger on weekly basis for Caliber data mart.
* Hands on experience in collecting several metrics and come up with corrective measure to be presented to senior management.
* Hands on work experience working with offsite team model; coordinate my own efforts with team members in the off- site team.
* Participated in User Acceptance testing (UAT) and involved in UA test cases, Executed test cases, Documenting

**Environment:Teradata, SQL server 2008, UNIX, Informatica, Windows 2008, TFS, TOAD**

**American International Group, Jersey City, NJ** 08/2010 – 09/2012

**Sr. ETL Tester**

**Roles and Responsibilities:**

* Responsible for creating complete test cases, test plans, test data, and reporting status ensuring accurate coverage of requirements and business processes.
* Analyzing requirements and creating and executing test cases
* Involved in ETL process testing using Informatica ETL tool.
* Test Case Execution and Adhoc testing
* Performed Integration, End-to-End, system testing
* Involving in Functional Testing & Regression Testing
* Developing Automated Test Scripts to perform Functional Testing, Performance Testing, Integration Testing, Stress Testing, System Testing, User Acceptance Testing, Regression Testing and Volume testing of the application using Load Runner
* Involving in writing SQL queries and Database Checkpoints to verify data quality and calculations, reviews
* Performed data validation testing writing SQL queries.
* Wrote complex queries in Teradata SQL assistant to check the data from Source and Target.
* Used Teradata utilities (MLOAD & FLOAD) to load the source files in to test region. And did the querying on the same data.
* Supported the extraction, transformation and load process (ETL) for a Data Warehouse from their legacy systems using Informatica.
* Working on Quality Center for creating and documenting Test Plans and Test Cases and register the expected results
* Experience assessing testing processes, creating and implementing testing strategies in UAT phase.
* Using HP Quality Center for storing, maintaining the test repository, bug tracking and reporting
* Preparing documentation for some of the recurring defects and resolutions and business comments for those defects
* Developed UNIX scripts to validate the flat files and to automate the manual test cases.
* Developing Test Matrix to give a better view of testing.

**Environment:** Informatica, Teradata, SQL, DB2, Oracle, HP Quality Center, Rational Clear Case, Rational Clear Quest, Remedy, Microsoft Office, Internet Explorer7.0, WindowsNT4.0/2000, HP/Unix. creehan

**Express Scripts, Franklin Lake, NJ** 07/2009 – 08/2010 **ETL Tester**

**Roles and Responsibilities:**

* Responsible for creating complete test cases, test plans, test data, and reporting status ensuring accurate coverage of requirements and business processes.
* Analyzing requirements and creating and executing test cases
* Performing manual testing by performing the operations mentioned in the design steps. Compared the expected results with the actual outcome and recorded the results.
* Working with the Development team for process improvement and release planning
* Analyzed application data using the SQL to identify the ETL processes
* Modifying and creating SQL Queries and stored procedures for quality assurance and analysis.
* Worked with data analysts to implement Informatica mappings and workflows, shell scripts and stored procedures to meet business requirements.
* Performing backend testing of the DB by writing PL/SQL queries to test the integrity of the application and Oracle databases.
* Wrote and modified SQL validation scripts, and writing scripts in SQL to validate the outputs.
* Extensively worked on Mapping Variables, Mapping Parameters, Workflow Variables and Session Parameters to extract only the additional data added during that period.
* Wrote complex queries to compare the counts and data from source to target.
* Created some macros in Teradata to load the test data in to Target tables.
* Involving in Testing Crystal Reports for the data validation in SimCorp Project
* Formulating the QA plan for black box testing of the application including Functional, Regression, Integration, Systems and User Acceptance Testing.
* Performing database testing to verify backend database transactions.
* Wrote complex queries in Teradata SQL assistant to analyze the data
* Coordinating user acceptance testing activities for business groups and IT.
* Involving in communication between UAT team members, business leaders, and IT.
* Participates in application release planning and status sessions.
* Used Agile testing methodology for achieving deadlines in UAT testing.
* Working on conversion of manual tests into automated test scripts
* Created, maintained and updated regression suites upon receiving new build.
* Modifying and executing test scripts for web based environment-using Quality Center.
* Extensively used Load Runner for generating the automated test scripts.
* Created and executed goal oriented and manual scenarios using Load Runner Controller.
* Creating traceability relationship between requirements in the same module and also between different modules.
* Extensively used Quality Center for documenting, organizing and tracking requirements.
* Involving in formulating the test plan, procedures and Wrote test cases.

**Environment: Informatica, Teradata, SQL, DB2, Oracle, HP Quality Center, Rational Clear Case, Rational Clear Quest**

**Creehan, Pittsburg, PA** 06/2008 – 07/2009

**Quality Analyst**

**Roles and Responsibilities:**

* Designed and developed Quality Assurance standard and processes to all levels of project team
* Documented Requirement Traceability Matrix(RTM) for requirement elicitation and linkup to deliverables
* Executed SQL queries to test the database for records that detect and submit functional acknowledgement and remittance advice in the claims application.
* Developed a (UAT) User Acceptance Testing plan to guide a select group of key end-users in testing the user interface and functionality of the application.
* Used HP Quality Center for tracking Defects and tracing requirement functionality performances. Reviewed the Business Requirements document with the business and development team to understand the architecture and functionality of the application (Ordering entry applications, billing systems and data flow to provisioning systems and interfaces between them).
* Involved in understanding of functionality and design of different applications basing upon the Requirement Specification document.
* Participated in Joint Application Development (JAD) sessions.
* Involved in developing Performance QA strategy and in writing and implementation of the test plan and various test cases.
* Involved in testing of the application manually and tested the design and functionality of the application.
* Developed detailed UAT test cases from technical system requirements documents to meet deadlines and verify system functionality as per the requirements.
* Executed Test cases using Quality Center in the Test lab.
* Checked the data flow through the front and backend and used SQL queries to extract the data from the database.
* Designed the Requirements Traceability Matrix (RTM) to trace the relationship between business and functional requirements to test cases and achievement metrics on an ongoing basis for keeping the project team informed on the progress report of the project.
* Conducted manual and automation regression testing for each release and patch.
* Logged the errors and coordinated efforts with the development team to solve the problems using Quality Center.
* Participated in weekly status meetings, walkthroughs and documented the proceedings.

**Environment: Microsoft Office (MS Word, MS Excel, MS PowerPoint, MS Visio, MS Access), Rational Requisite, XML, Oracle, UML, SQL, Test Director, RTP**

**NREIS, Pittsburg, PA** 04/2007 – 05/2008

**Quality Analyst**

**Roles and Responsibilities:**

* Wrote Test Plans, which detailed the testing scope, testing requirements, success criteria, milestones, and necessary resources.
* Manually performed Ad-Hoc testing, end-to-end testing, and system testing.
* Performed manual testing by entering positive values, negative values, and boundary values to the application.
* Performed Black box, Integration, Regression, Systems, and Backend testing
* Created, maintained and updated regression suites upon receiving new build.
* Worked on conversion of manual tests into automated test scripts
* Performed automation using QTP created Baseline.
* Performed data validation testing writing SQL queries. Tested ETL batch processes using UNIX shell scripting.
* Involved in writing SQL statements to create test data for test cases and data validation tests to extract data from the tables.
* Used Teradata utilities to load the sample test data in to target tables.
* Used to play with the queries in the Teradata Sql assistant
* Compared SQL results with application results by writing SQL queries.
* Used SQL queries to test the migrated database for Back End Testing.
* Wrote and modified required UNIX scripts and other SQL validation scripts, and writing scripts in SQL to validate the outputs.
* Backend testing of the DB by writing PL/SQL queries to test the integrity of the application and Oracle databases using TOAD.
* Involved in writing Shell Scripts to load and extract information from files and tested the back-end for data integrity in UNIX.
* Involved in exporting the test cases form Microsoft Excel to Test Director and running the cases remotely in different hosts.
* For tracking the Defects used the tool Test Director. Performed Black Box, Integration, and Regression Testing. Investigated and reported bugs to the developers.

**Environment:Teradata, SQL, PL/SQL,Mainframes, Test Director, Unix (Solaris), Windows,Informatica,Oracle, HP Quality Center**

**Best buy, Minneapolis, MN** 03/2004 – 04/2007

**Quality Analyst**

**Roles and Responsibilities:**

* Well acquainted with the Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
* Overall responsibility for the day to day operations of the project including project planning (Test Strategy, Test Plan, RTM, HLS, Test Case, Test Report & Defect Analysis report) and tracking, resource utilization, risk analysis, status reporting (daily & weekly).
* Requirement gathering, analysis & communication with BAs on query resolution.
* Involved in Client interaction (Daily Status Meeting, Walkthrough).
* Understand the Customer’s expectations about Business objectives and quality parameters and define and establish necessary quality targets to meet the expectations/ objectives.
* Anticipates and identify technical Risks and Issues that may impact deliverables and develops and implements mitigation and corrective actions.
* Identifying Training needs, arranging and managing required Trainings to Testing Team.
* Creating Test Plan , Test specification and Strategy
* Involved in Regression and System Testing
* Preparation of Test Execution Summary Reports
* Test Scenario's were created and executed to test Business Rules of application
* Test Cases were created and executed to validate the functionality of application
* Communicating with the clients directly and given some modeling solutions for UI development.

**Environment:Unix, Java, JSP, ASP, VB Script, IIS, Toad, Oracle, SQL Server, AS400, Mainframes, SQL Loader,Windows, Win Runner, Load Runner and Test Director**