**Ujjal Dongol**

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Summary

* Information technology professional with 7+ year’s experience in Requirement’s Gathering, Analysis, Documentation, Testing, Implementation and Maintenance. Specialized in Quality Assurance and testing, worked as ETL Tester, BI Tester and QA Analyst.
* Experience in Manual, ETL/ Data warehouse backend testing and BI Intelligence reports testing
* Expert in writing complex SQL queries for data validation between source and target
* Experience in Mercury Quality Center - Design Test Steps, Requirement Mapping to Tests, Executing Tests Manually, Defect Logging, Defect Reporting
* Has expertise in Test Case Design, Test Tool Usage, Test Execution, and Defect Management
* Experience in UNIX shell scripting and configuring cron-jobs for Informatica sessions scheduling
* Experienced in testing the SSIS packages, SSRS report.
* Experience in all phases of Software Development life cycle such as Agile, Scrum, Waterfall.
* Extensively used ETL methodology for supporting data extraction, transformations and loading processing, in a corporate-wide-ETL Solution using Informatica, SSIS.
* Expertise in Testing complex Business rules by creating mapping and various transformations.
* Experience in testing BI reports developed in Business Objects & SSRS.
* Experience in testing XML files and validating the data loaded to staging tables.
* Experience in testing and writing SQL and PL/SQL statements.
* Experience in testing and writing complex SQL, T-SQL and PL/SQL statements to validate the database systems and for backend database testing.
* Familiar with implementation of SSIS (SQL Server Integration Services), Database Mirroring and Service Broker concepts which are some of the new features in SQL server 2008.
* Quality Assurance: Expertise in preparing Test Strategy, Test Plan, Test Summary Reports, Test Cases and Test Scripts for Automated and manual testing based on the User Requirement Document and System Requirement documents.
* Experience in writing Test Plan and Test Strategies for Data Warehousing Applications.
* Good experience in System, Integration, Performance, Sanity, Security, Load, Database, UAT, Usability and Regression Testing.
* Excellent knowledge in using automation tools like QTP and Win Runner.
* Professional Experience in Financial, Brokerage, Banking, HealthCare applications and strong understanding of Banking/Financials/Mortgage lending applications as well as movie hiring ETL and Datawarehouse testing.
* Good knowledge in Mutual Funds, Variable life, Variable Annuity, Mutual Funds Compliance, Agent Compensation, and Different Kiosk and Digital application.
* Experience of various data warehousing, web-based, client-server and distributed multi-tier applications
* Experience in data validation of various sources like DB2, Oracle, SQL Server and Sybase
* Very good team player with excellent Communication skills (Verbal and Technical), Presentation and reporting.

**Technical Skills:**

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| **OPERATING SYSTEMS** | Windows XP,NT/95/2000/2007/, Window 10, OS/2,Linux 6.X/7.X/8.X, UNIX, Mac OS |
| **Data Warehousing :** | Informatica, **SSIS**, **SSRS**, SSAS, Business Objects |
| **SCRIPTING LANGUAGES** | PL/SQL, SQL,T-SQL, Java Script, Object Oriented (C++) |
| **DATABASES** | Oracle 9i/10g/12c, **SQL Server** 2000/2005, 2008, 2010, 2012 |
| **DATAWAREHOUSING & MODELLING** | Star Schema, Snow Flake Schema, Kimball Methodology , Bill Inmon Methodology |

**EDUCATION**:

Bachelor in Electronics and Communication Engineering from

Pokhara University, Nepal (2002-2006)

**WORK EXPERIENCE:**

**Fitch Ratings, New York, NY Nov 2016-Till Date**

**ETL/ QA Tester**

* Involved in creating test plan, test cases and test scripts
* Writing complex SQL queries for data validation and different condition included to validate the scenario.
* Experienced in working with sql developer for testing different environment.
* Wrote Test cases in ALM and Defect report generation using ALM (Application Life cycle Management)
* Testing was based on the mapping documents and the given testing scenario and the criteria that need to fulfilled for the data to populate from the source to the target table.
* Testing the delimited csv files by comparing the result with the other CSV files.
* Experienced working in projects like FDR, Change Control and Data Comparison.
* Writing own Sql complex query according to the given requirements to do the validations for end to end testing.
* Creating the jobs required to run and execute to populate the data from source to the given target where in this case was FDR environment and validate the different scenarios given in the requirements and provide possible cases like doing negative testing to validate the other conditions for testing.
* Used Quality Center to track and report system defects and writing test cases/scripts
* Executing test cases and scripts and raised defects and reporting the test cases success and defect raised to the team.
* Experienced working with Oracle database.
* Experienced sharing documents related to project and organization in blueprint.
* Worked on different types of Server having multiple databases and datawarehouse testing.

**Environment:** Oracle Client 12, SQL developer, Microsoft Office suites, Java, ALM Quality Center 11.52, Blueprint

**Outerwall Inc. (RedBox), OakBrook IL Mar’ 2016- Oct' 2016**

**Sr. ETL QA Engineer**

* Involved in creating test plan, test cases and test scripts using TFS for Functional and Integration testing.
* Involved in Estimation and planning test plan meeting for the individual sprint and providing feedback.
* Writing complex SQL queries for data validation and verifying the Stored procedure and different condition included to validate the scenario.
* Involved in testing the packages using SSIS (ETL) to verify the data transformation from source to staging and to the target, to maintain the data quality, Functional and Intergration testing.
* Experienced in working with sql server for testing different environment.
* Experienced working in Agile methodology environment where Agile Scrum and SDLC methodology were followed.
* Promoted Unix/Informatica application releases from development to QA and to UAT environments
* Testing was based on the mapping documents and the given testing scenario and the criteria that need to fulfilled for the data to populate from the source to the target table.
* Stored Procedure testing were done to validate the Insert and Update condition and if the datas are inferred and merging condition to populate the data in the target table.
* Experienced testing SSRS report and to verify the report according to the stored procedure to validate the scenario and to load the data in the report.
* Testing the delimited csv file to populate data from source to target using the SSIS package.
* Experienced testing the view to further used to test for Cube testing.
* Experience of working in different Projects such as AOP, Voltron, Movie Tracker, Digital and Kiosk Related projects.
* Executing test cases and scripts and raised defects and reporting the test cases success and defect raised to the team for every scrum.
* Performed data analysis and data profiling using SQL and Informatica Data Explorer on various sources systems including Oracle and Teradata
* Used TFS to write the Test plan, Test Cases and raise the Defects and to see the status and progress of every Test and projects which I worked on.
* Worked on different types of Server having multiple databases and datawarehouse testing.
* Experienced working with Developers, DA, BSA and other from the ETL QA team for different projects.
* Experience of different Redgate tools for data generating, data comparing and taking backup of the databases.

**Environment:** Visual Basic, Agile, MS SQL Server, SSIS, SSRS, SSAS, SQL, PL/SQL, XML files, Informatica 9.1, Window 2007/2010, TFS, Redgate tool belts (Data generator, Data comparing, backup).

**Citizens Bank, Providence RI Jan’ 2014 – Feb’ 2016**

**Sr. ETL QA Engineer**

* Involved in developing detailed test plan, test cases and test scripts using Quality Center for Functional and Regression Testing
* Writing complex SQL queries for data validation for verifying the SSIS Packages and business

Rules.

* Responsible for testing packages using SSIS (ETL) to verify data completeness, data

transformation, data quality, integration testing, UAT & regression testing.

* Experienced in working with DB2, Oracle database.
* Experienced in working in Agile Scrum, Agile XP, Waterfall, RUP, RAD and SDLC methodology environments
* Creating external tables based on the copy book to load the source data
* Writing source, target SQL’s based on the mapping documents and validating the data
* Used UNIX shell scripts as part of the ETL process to automate the process of loading, pulling the data for testing ETL loads.
* Extensively used Informatica power center for extraction, transformation and loading process.
* Involved in setting up the automation framework using Selenium Web Driver and Testing the scripts.
* Used XPath and DOM to work with dynamic and static objects in Selenium.
* Developed Automation framework both Data driven and Hybrid using Selenium Web Driver in Java and performing unit testing by using Testing.
* Coordinating the testing activities to complete System Integration and UAT Test preparation on schedule.
* Reviewed the Business Requirement Documents and the Functional Specification.
* Prepared Test Plan from the Business Requirements and Functional Specification.
* Successfully leading a team and coordinating the testing activities to complete System, Integration and UAT Test preparation on schedule.
* Experienced in defining, creating and implementing testing process and methodology for onsite/off-shore team.
* Data verification and validation using complex SQL queries
* Executed test cases/scripts and accurately & concisely reporting both progress and defect status.
* Utilized various testing methodologies and developed strategies, test cases, and executed testing for reporting and data validation of various Vendor feeds
* Used SQL for Querying the SQL server database for data validation and data conditioning
* Involved in developing detailed test plan, test cases and test scripts using Quality Center for Functional and Regression Testing.
* Extensively used Informatica client tools. The objective is to extract data stored in Oracle database, flat files to load finally into a single data warehouse repository, which is in Oracle.
* Responsible for identifying and defining the Key Performance Indicators in SSAS 2005 .
* Created ETL test data for all ETL mapping rules.
* Experience in creating UNIX scripts for file transfer and file manipulation
* Worked with Data Extraction, Transformation and Loading (ETL)
* Tested SSIS packages for transferring data from corporate and other non SQL server databases to populate various tables
* Involved in testing data mapping and conversion in a server based data warehouse
* Used Quality Center to track and report system defects and writing test cases/scripts
* Responsible for testing packages using SSIS (ETL) to verify data completeness, data transformation, data quality, integration testing, UAT & regression testing
* Involved in testing the XML files and checked whether data is parsed and loaded to staging tables

**Environment**: Java, Agile ,MS SQL Server, SSIS, SSRS, SSAS, SQL, Informatica 9.1, T-SQL, Selenium Web Driver, XML, XML Spy 2008, , UNIX, Shell Scripting, Quality Center

**Fannie Mae, Reston VA Sep’ 2011 – Dec’ 2013**

**Sr. ETL QA Engineer**

* Analyzed business requirements, system requirements, data mapping requirement specifications, and responsible for documenting functional requirements and supplementary requirements in Quality Center 10.0
* Involved in developing detailed test plan, test cases and test scripts using Quality Center for Functional and Regression Testing
* Extracted Data from Oracle database using SSIS ETL and DTS Packages to the target database including SQL Server and used the data for Reporting purposes.
* Designing the template and structure for data extraction and processing using SSIS and its

different tools from different sources of Production server, Excel sheets

* Experienced in working with DB2,Oracle
* Extensively worked on designing various output and management reports Using SQL Server Reporting Services (SSRS.
* Wrote and executed automated test cases using Selenium Web Driver to automate manual testing solutions.
* Worked in Agile technology with Scrum and waterfall models.
* Involved in Data mapping specifications to create and execute detailed system test plans. The data mapping specifies what data will be extracted from an internal data warehouse, transformed and sent to an external entity
* Extensively used T-SQL to verify and validate the data loaded to the SQL Server 2008
* Tested Complex ETL Mappings and Sessions based on business user requirements and business rules to load data from source flat files and RDBMS tables to target tables
* Created the test environment for Staging area, loading the Staging area with data from multiple sources
* Written several Sql and T-SQL stored procedures. Tested the output of Statements from sql vs. ETL output.
* Used T-SQL for Querying the SQL server database for data validation and data conditioning
* Tested on the Data Validation rules of various input data files through the generic conditioning graph ensuring the integrity of data used for processing based on the rules
* Tested SQL queries, T-SQL scripts to validate the data and performance of the database.  
  Involved in developing detailed test plan, test cases and test scripts using Quality Center for Functional and Regression Testing.
* Extracted Data using SSIS from DB2, XML, Oracle and flat files, Excel perform transformations and populate the data warehouse
* Written several complex SQL queries for validating SSRS Reports
* Tested the ETL process for both before data validation and after data validation process. Tested the messages published by ETL tool and data loaded into various databases.
* Responsible for Data mapping testing by writing complex SQL Queries using WINSQL
* Experience in creating UNIX scripts for file transfer and file manipulation
* Validating the data passed to downstream systems.
* Tested different reports including detail, summary reports and on demand reports developed by SSRS Report Studio.
* Tested data warehouse ETL process using SSIS (Integration Service)
* Involved in testing data mapping and conversion in a server based data warehouse
* Worked with business team to test the reports developed in SSRS.
* Tested whether the reports developed in SSRS are as per company standards
* Used Quality Center to track and report system defects and writing test cases/scripts
* Involved in testing the XML files and checked whether data is parsed and loaded to staging tables

**Environment**: SSIS, SSRS, SSAS, DB2, Java, Cognos, SQL, PL/SQL, T-SQL, XML, XSD, XSLT, XML Spy 2008, IBM AIX 5.3, UNIX, Shell Scripting, WINSQL, Agile, Selenium Web Driver, Ultra edit, Rumba UNIX Display, Quality Center 10.0, Oracle, SQL Server.

**Ally Bank, Charlotte NC Jan’ 2009 – Aug’ 2011**

**ETL/QA Engineer**

* Analyzing new Business requirements for each & every release and worked with analysts and business team for any gaps found during the test analysis
* Preparing Test plan, Test scenarios and writing & execution of Test cases
* Identifying Impacts on the different applications and defining level of efforts for testing the software
* Identified Test Conditions in according to the BRD’s and Change Requests
* Used Agile Test Methods to provide rapid feedback to the developers significantly helping them uncover important risks.
* Involved in user training sessions and assisting in UAT (User Acceptance Testing).
* Written and Executed the test cases and verify Translation response.
* Performed Reliability testing for testing the UNIX servers
* Responsible for execution of Batch jobs and population test data for other teams
* Executed Complex SQL queries within UNIX shell scripts in the UNIX environment
* Responsible for FTP jobs to transfer data between UNIX test servers.
* Responsible for UAT’s testing before going to Production and datawarehouse.
* Responsible for Production Monitoring during peak hours
* Regression Testing for Each and Every Release Using Win Runner.
* Used Test Director & Rational DDTS as Test Management tool.
* Responsible for doing System Testing, Functional Testing, Integration Testing, Load Testing and Smoke Testing.

**Environment**: Informatica Power Center 7.1/6.2, Informatica Power Connect, Oracle 8i/9i, MS SQL Server 2005/2000, MS Excel , Agile, Flat files, PL/SQL, SQL, Toad 7.0, SQL\*Loader, Windows 2000, Unix (ksh) Shell and, Shell Scripting, XML Files.

**Mercury Insurance Group, Brea, CA Mar 2008 – Dec 2009**

**QA Analyst**

* Analyzed business requirements, system requirements, data mapping requirement specifications, and responsible for documenting functional requirements and supplementary requirements in Quality Center.
* Created test data for testing specific Membership functionality.
* Promoted Unix/Informatica application releases from development to QA and to UAT environments as required.
* Used Agile Test Methods to provide rapid feedback to the developers significantly helping them uncover important risks
* Worked in an agile technology.
* Conducted Load testing using SOAPUI tool.
* Responsible for testing packages using SSIS (ETL) to verify data completeness, data transformation, data quality, integration testing, UAT & regression testing.
* Involved in user training sessions and assisting in UAT (User Acceptance Testing).
* Tested Complex ETL Mappings and Sessions based on business user requirements and business rules to load data from source flat files and RDBMS tables to target tables.
* Created the test environment for Staging area, loading the Staging area with data from multiple sources.
* Assisted in System Test and UAT testing scenarios as required
* Created user defined functions to test the specific test cases for windows applications using QTP.
* Extraction of test data from tables and loading of data into SQL tables.
* Design and build efficient SQL queries, analyze query cost comparison, use indexes efficiently
* Created ETL test data for all ETL mapping rules to test the functionality of the Informatica Mapping
* Tested the ETL Informatica mappings and other ETL Processes (Data Warehouse Testing)
* Tested the reports using Business Objects functionalities like Queries, Slice and Dice, Drill Down, Cross Tab, Master Detail and Formulae etc.
* Used Quality Center for Bug reporting, tracking & generation of Test Metrics
* Tested the ETL process for both before data validation and after data validation process. Tested the messages published by ETL tool and data loaded into various databases
* Experience in creating UNIX scripts for file transfer and file manipulation.
* Validating the data passed to downstream systems.
* Worked with Data Extraction, Transformation and Loading (ETL).
* Involved in testing the XML files and checked whether data is parsed and loaded to staging tables.

**Environment**: Informatica 7.x, MVS, UNIX (K-Shell Script), SOAPUI, Agile, Quality Center, QTP, Oracle, SQL Server 2008, DB2, Agile, Business Objects