**Sharad C Karna**

**Professional summary:**

* More than 7 years of experience in IT field as an ETL tester.
* Expertise in various kinds of testing like Manual and Automation mainly focused on Business Intelligence Reporting Tools (SAP BO, Cognos and Qlikview) Enterprise Data Warehousing (EDW), Databases, Data Mart, Web services and Client-Server applications.
* Have good command in creating Test Plan documents and developing test strategy documents and preparing the Traceability Matrices.
* Strong working experience in the Data Centric Testing, Data Analysis, Design and Development
* Experience in creating ETL test data for ETL mapping rules to the test functionality of Informatica mappings.
* Expertise in database query tools such as SQL developer, Microsoft SQL server, MYSQL server, SQL plus, TOAD, PL/SQL.
* Experienced in programming Database Objects like Tables, Stored Procedures, Views, Rules, Defaults, user defined data types and functions using SQL Server and DB2.
* Experience on UNIX commands and Shell Scripting. Involved in testing the batch jobs using UNIX.
* Experience with automated testing tools QTP (Quick Test Professional) and Quality Center.
* Strong knowledge of Software Testing Life Cycle (STLC) and QA Testing Methodologies.
* Expertise in designing Test Plans, Test Cases, Text Scripts and Test Procedures.
* Expertise in all phases of end-to-end Testing which includes Smoke Testing, Functionality Testing, Regression, UI, GUI Testing, boundary testing, negative testing, System Testing, White Box Testing, Black Box Testing, and Batch Testing of the Application using QTP.
* Performed efficient and accurate work under deadlines and ability to work in groups as well as independently and initiative to learn new technologies and tools quickly.
* Excellent skills in dealing with end users and developers to discuss the user requirements and functional specifications.

**Technical skills**

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| ETL Tools | Informatica 9.x/8.x, Datastage, SSIS |
| Testing Tools | Quality Center, ALM 11.0, QTP, Load Runner, Jira |
| Database | Oracle 9i/10g,11g, SQL Server 2008/2012, DB2, MS Access, Teradata 13.0,Netezza,TOAD |
| BI /Reporting Tools | Cognos, OBIEE, Microstrategy, SSRS/SSAS, Qlik View, SAP Business Objects. |
| Job Scheduling Tools | Control M, Autosys |
| Languages | XML, SQL, UNIX Shell Scripting, PL SQL, T-SQL |
| SDLC/STLC | Agile/Scrum, Waterfall, V model. |
| Operating Systems | Windows XP, Window 2003, Windows 2007, Windows 8, LINUX, UNIX. |

**Professional experience**

**Intermountain Healthcare, Salt Lake City, UT Mar 2016-Present**

**Sr. ETL tester**

**Description:** Intermountain Healthcare is the largest healthcare provider in the Intermountain West. It is not-for-profit healthcare system which provides hospital and other medical services in Utah and Idaho and also offers integrated managed care.

**Project:**- I was involved in a project to identify and assess the risk associated with the privacy issues of patient information and its protection plan based on HIPPA 5010 guidelines.

**Responsibilities**

* Augmented Plan Test Strategy document based on requirements demanded by project.
* Developed Test Plan based on the Functional Specification Requirements for the Project and Releases, Written Test Scenarios and Test Cases based on the Functional and Business requirements for the Project and Releases
* Review Test Scenarios and Test Cases in sprint planning meeting with scrum team and participated in daily scrum meeting, Sprint retrospective and Sprint review meeting with Developers, product owner , Scrum master, and Project Manager/Release Manager
* Developed and executed test cases in HP ALM.
* Data Loaded from Source to target through ETL Tool Informatica, and Autosys scheduler tool.
* Data Validations includes File Validations, Table Validations, DDL Validations in Database and Unix
* Carried out Test Execution in different cycles of Integration, System, Sanity.
* 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
* Used SQL queries & Join operations to Test database tables.
* Executed the developed Test Cases and Test Plans and also coordinate with the development team to run the workflows if needed and write the SQL scripts to test the test cases.
* Involved in ETL Mapping Design and Performance tuning to Load mapping process and Capturing results
* Preparation and Execution of Test Plans, Test Cases for the mappings developed through the ETL Informatica tool in the QA environment.
* Developed advanced SQL queries to extract, manipulate, and/or calculate information to fulfill data and reporting requirements including identifying the tables and columns from which data is extracted.
* Used ALM to raise the defects and to manage defect management process.
* Written SQL scripts for performing data validations as well as for inserting test data into the tables.
* Tested the compliance reports generated using SAP Business Objects tool by validating the data in the report against the database according to the requirement specifications using SQL scripts.
* Written complex SQL queries using Case Logic, Intersect, Minus, Sub Queries, Inline Views, and Union in Oracle.
* Performed end to end testing by coordinating with various teams to make sure that the data flow was smooth starting from the source to the ultimate target.
* Tracked all the defects to closure by interacting with the development team.
* Conducted and coordinated with integration testing and regression testing.
* Manage the testing process, schedule batch tests, log and track defects using Quality Center.
* Used **HP ALM Quality Center** as test management tool to manage and organize Requirements Coverage, Test Cases, Test Scripts and Defect Management.

**Environment**: Oracle 10g/11g, Informatica Power Center 8.6/9, ODI, Unix, QTP, HP Quality Center 10/ 11 Agile/Scrum, Rally, SQL, PL/SQL, Cognos, DB2, Flat Files, Teradata 13.0 , UNIX.

**Universal American, Brookefield, WI Jan 2015-Feb 2016**

**ETL /QA Tester**

**Description:** Universal American is a Fortune 1000 company, offices throughout the United States and Headquarters in Rye Brook, New York. This company offers health insurance and also deals in Medicare managed care plans and Medicare prescription drug benefits. UA corp has targeted the senior market in particular because it is the fasted growing segment in the country.UAC contracts with the federal government to offer Medicare advantages with prescription drug plans.

**Project:** I was involved in a project to develop a web based claim system which converts claims through internet to EDI format to be in compliance with the regulations mandated by Federal Government.

**Responsibilities:**

* Worked on projects that require in depth knowledge across multiple technical area and business segments.
* Analyzed Business requirements & Design Specification Document to determine the functionality of the ETL Processes.
* Provided high level and detailed QA testing resource estimates to the QA manager and Project Manager in timely manner.
* Worked on translation of Business requirements and technical design into comprehensive test plans and test cases assuring maximum requirements coverage.
* Executed test plans and test cases and logs defects into QC in accordance with the QA standards.
* Monitored and retested the defects that have been corrected by Developments.
* Performed extensive Backend Testing by developing, modifying and executing SQL queries for data validation and data verification on database.
* Performed Smoke, functional, Regression, Performance and UAT Testing.
* Provided technical guidance to QA test team to ensure test activities are performed.
* Mentored and lead the QA team members in the review of requirements, technical designs, test cases and defect tracking.
* Worked closely with software architects, developers and business leaders throughout the SDLC and automate software performance test cases and test scripts.
* Responsible for the overall success of performance testing and manages assigned projects from performance testing through final User Acceptance Testing.
* Participated in user requirement gathering, product design and testability of products.
* Performed identification, documentation and tracked software discrepancies between expected and actual test results and assist developer in problem resolution.

**Environment: ETL** Informatica 8.6.1, Quality Centre 11, JIRA, Rational Clear Quest, MS Share Point, MS Office, SQL, SQL Server 2008, SSIS

**Wells Fargo, Milwaukee, WI Apr2013-Oct2014**

**Data/QA Tester**

**Description:** Wells Fargo & Company is an American multinational banking and financial services holding company headquartered in San Francisco, California, with "hub quarters" throughout the country. It is the third largest bank in the U.S. by assets and the largest bank by market capitalization.

**Project:** Worked on the Online banking application which allows the customers of the bank to check account, make transfers, view recent transactions and authenticates the credit card transaction details at point of transaction.

**Responsibilities:**

* Developed the Test Cases and designed them based on the Business requirements.
* Provided rapid feedback to the developers by using Agile Test Methods to minimize the uncovered risks.
* Worked in LINUX environment and used SQL for querying the database and testing the business rules imposed on data movement with Informatica ETL tool.
* Loaded the data from MS SQL Server and Oracle into the target oracle database with the help of ETL processes of Informatica tool.
* Developed the automation test scripts to test the database by retrieving the data from the tables using HP QTP 10 and VB Scripting.
* Verified and validated that design whether they meet requirements and function according to technical and functional specifications.
* Worked with development and QA team members in improving the processes, methods, effectiveness and efficiency.
* Coordinated with source system owners, day-to-day ETL progress monitoring, Data Warehouse target schema design (Star Schema) and maintenance.
* Generated data requirements and system specifications in an organized fashion for business solutions for the developers to follow on.
* Documented and reported various bugs during the testing process
* Used SQL queries to define, identify and validate the code for the data movement into the database tables.
* Used TOAD and Navigator GUI tools for Querying Database.
* Developed PL/SQL procedures and triggers.
* Tested Cognos reports by writing complex SQL queries.

**Environment:** MS SQL Server 2008,Oracle 10g, PL/SQL, TOAD 8.0, QTP,SQL, Linux, Agile, Remedy, Test Director/Quality Center

**Jackson National Life Insurance Lansing, MI Aug2012-Feb 2013**

**ETL QA Engineer/Tester**

**Description:** JNL Insurance is a conglomerate of the General & Life Insurance which is operated globally across 180 countries. It offers a varies of insurance and investment products for individuals and businesses with its products ranging from annuity, unity link insurance, life Insurance, health insurance Team Plan, Group Insurance for company.

**Project:** A web enabled application which successfully manages member agent/broker relationships throughout their entire life cycle and across all touch points. It allows prayers to migrate statements such as premier due reminder, premier receipt, invested fund value, policy document and Broker Commissions Statements from paper to the internet.

**Responsibilities:**

* Coordinated testing throughout both systems ODS and EDW which were two different teams
* Experienced in understanding Data stage jobs for dimensions and facts.
* Used Agile Test methods to provide rapid feedback to the developers.
* Developed data quality test plans and manually executed ETL and BI test cases.
* Designed and kept track of Requirement Traceability Matrix.
* Various work performed such as Quality center updates, Test Cases loading, writing Test Plan, executing Test cases and printing status report for the team meetings.
* Involved in Integrating and Functional System Testing for the entire Data Warehousing Application. Tested several OBIEE reports for data quality.
* Used advanced SQL skills to perform data quality analysis.
* Worked on Quality Center for defect tracking.
* Experienced working in Black Box testing like Functional testing, Smoke testing, Sanity testing and Regression testing.
* Involved in writing Detailed Level documentation for reports and Universal testing.
* Tested Data Warehouse by checking ETL procedures/mappings.
* Worked on test data and completed unit testing to check all business rules and requirements are met. Also tested for negative data to check that the job fails on any critical error.
* Tested several data migration application for security, data protection and data corruption during transfer.

**Environment:** Data Stage 8.5, Oracle 11g, Quality Center, Teradata 13, UNIX and Control-M.

**Siddhartha Bank Limited Kathmandu, Nepal Jan 2009- Mar2012**

**Quality Analyst/Tester**

**Description:** Siddhartha Bank Limited is one of the largest private commercial bank in Nepal. The bank is an ‘A’ class commercial bank licensed by Nepal Rastra Bank and has 64 branches all across the nation with its head office in Kathmandu which provides entire commercial banking services.

**Responsibilities:**

* Worked on gathering various business scope and technical requirements.
* Identified documented data sources and transformation rules required populating and maintaining data warehouse contents.
* Mapped the source and target databases by studying the specifications and analyzing the required transforms.
* Worked on mapping data items from source system to the Target System.
* Experienced in extensive Data Validation using SQL queries and back-end-testing.
* Written Jill file for Autosys daily schedules.
* Validated the Target Data based on the test cases.
* Used advanced SQL skills to perform data quality analysis.
* Involved in creating both positive and negative Test data to cover all business scenarios.
* Worked in developing detailed Test Plan, Test Cases and test Scripts.

**Environment:** SQL server 2000/2008, Microsoft Visio 2003, MS Access 2003/2007, Flat files.