**Nausheen Asna**

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**Summary**

* 7+ years of experience in SQL, ETL / BI, Data Warehouse Testing, Manual Testing and client/server applications
* Supported test automation framework by writing new testing methods with Python using Selenium Web Driver and Visual Studio.
* Solid experience in the Analysis, design, development, testing and Implementation of Business Intelligence solutions using Data Warehouse/Data Mart Design, ETL, OLAP, BI, Client/Server applications.
* Experience using query tools for Oracle, MS SQL and DB2 and Teradata server to validate reports and troubleshoot data quality issues.
* Experience with Agile Methodology.
* Creating and executing SQL queries to perform Data Integrity testing on an Oracle, SQL Server, DB2, Teradata, MySQL Database to validate and test data using TOAD, SQL Server Management Studio, T-SQL.
* Performed Backend Database testing on Oracle, MS SQL Server, DB2, Teradata, Hadoop, NoSQL, MongoDB databases, used SQL.
* Performed Manual and automated testing using HP ALM/ Quality center.
* Extensive experience in writing SQL scripts to validate the database systems and for backend database testing.
* Good experience in data sources, data profiling, data validation, developing low level design patterns based on the business and functional requirements.
* Ability to quickly adapt to different project environments, work in teams and accomplish difficult tasks independently within time frame.
* Skilled in analyzing business context and requirements for UAT testing purposes
* Extensively worked on Dimensional modeling, Data cleansing and Data Staging, Data integration of operational sources using ETL processes.
* Experience in all phases of Software Development life cycle.
* Excellent communication skills, Good organizational and interpersonal skills, outgoing personality, Self-motivated, hardworking, ability to work independently or cooperatively in a team, eager to learn, ability to adapt based on the demands of work.

**TECHNICAL EXPERTISE:**

**ETL Tool :** Informatica Power Center 9 / 8.6/10.2.0

**Reporting Tools** : IBM Cognos 8.1/Business Objects XI R2/R3

**Database :** Oracle, SQL Server, IBM DB2, Sybase, Teradata and MS-Access

**Utilities :** Toad, Citrix server, Oracle SQL Developer, SQL Advantage, Putty

**Testing Tools :** HP Quality Center/ ALM, TFS, JIRA, Clear Quest, Rational Clear Case,

**WORK EXPERIENCE:**

**Volkswagen Group of America, MI**

**Duration: Jan 2020 – Till present**

**Role: Sr.ETL Tester**

**Roles & Responsibilities:**

* Involved in Business analysis and requirements gathering.
* Assisted in creating fact and dimension table implementation in Star Schema model based on requirements.
* Used Quality Centre for tracking the defects.
* Used python to develop Automation framework to Validate RESTful Web Services.
* Involved in backend testing for the front end of the application using SQL Queries in Oracle data base
* Extensively used Informatica power center for extraction, transformation and loading process.
* Responsible for assisting senior engineers in developing test estimation, scope and test plan for UAT
* Perform the tasks of designing and developing test procedures to meet business requirements
* Responsible for drafting complex SQL queries and perform allocation testing from front end / user interface
* Assigned the tasks of preparing test results as well as gather test results from other testers in standardized format
* Written several complex SQL queries for validating the application.
* Responsible for verifying the log files using UNIX and database for the submitted application.
* Coordinated and Interacted with Development team and actively participated in status meetings during the defect life cycle, reported the bugs and maintained their status.
* Developed Test Strategy, Test plan, Test cases, and Test scripts and various other project documentation in HP Quality Center
* Extracted data from various sources like Oracle, flat files and DB2.
* Wrote and ran UNIX Scripts for batch jobs.
* Preparing and supporting the QA and UAT test environments. Tested different detail, summary reports and on demand reports.
* Communicated discrepancies determined in testing to impacted areas and monitored resolution.

**Environment:** Informatica Power Center 10.2, SQL Developer, TOAD, Oracle 12c, Putty, Winscp

#### Client: Bank of the West

#### Tempe AZ

#### November 2018 to December 2019

#### Role: Sr. ETL QA Tester

**Daily activities:**

* Reviewed the Business Requirement Documents and the Functional Specification. Prepared Test Plan from the Business Requirements and Functional Specification.
* Tested to verify that all data were synchronized after the data is troubleshoot and also used SQL to verify/validate my test cases.
* Tested the ETL process to automate the testing process and also load the test data into the testing tables.
* Extensively executed SQL queries in order to view successful transactions of data and for validating data.
* Involved in extensive DATA validation by writing several complex SQL queries and Involved in back-end testing and worked with data quality issues.
* Documented the validation rules, error handling and test strategy of the mapping.
* Tuned the complex SQL queries for better performance by eliminating various performance bottlenecks.
* Worked in an Agile technology with Scrum
* Written several UNIX scripts for invoking data reconciliation. Reported bugs and tracked defects using Quality Center/ALM
* Involved in backend testing for the front end of the application using SQL Queries in Teradata data base.
* Worked with Data Conversion projects for testing data quality after migration.
* Used SQL for Querying the DB2 database in UNIX environment.
* Identify potential problems, omissions and open issues and attend walkthroughs and attend signoff meetings.
* Tested different master detail, summary reports, ad-hoc reports and on demand reports using Cognos Report Studio
* Wrote SQL scripts to perform database testing and to verify data integrity.
* Responsible for UAT project planning like creating testing scenario, test plans, and test scripts
* Handle the tasks of explaining UAT scope, criteria and entry/exit strategy to less trained professionals
* Responsible for drafting complex SQL queries and perform allocation testing from front end / user interface
* Written several complex SQL queries stored procedures for validating Cognos Reports
* Responsible for verifying the log files using UNIX and database for the submitted application.

**Environment**: ETL Informatica, BI Cognos, SQL, PL/SQL, Oracle, TOAD, MS Excel, MS Access, MS Visual Studio, Tableau, HP ALM/Quality Center, SQL Server and UNIX.

**Client: BCBS,**

**Jacksonville, FL**

**July 2017 to October 2018**

**Role: ETL QA Tester**

**Daily activities:**

* Worked exclusively with BA and Developer as a team to make sure the demands of correct scripting and testing are satisfied.
* 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.
* Prepared test cases for data verification Compared SQL results with application results by writing SQL queries.
* Test 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.
* Strong ability in developing advanced and complex 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
* Developed SQL queries to check the database automatically and checking the data integrity in ETL Flow of data from source to stage and target Database
* Worked with several ETL sources including Flat Files, XML Files, CSV Files & SQL Server
* Retested and reproduced the logged defects to ensure that the problem is solved.
* Participated daily stand up meeting with UAT Team Lead, Walkthrough online meeting with Product owner, BA, and Developer to make sure everybody in the same page of understanding.
* Handle the tasks of identifying defects and perform root cause analysis by analyzing data quality issues.
* Involved in checking of data integrity and constraints by using SQL Queries.
* Worked in Water Fall as well as AGILE Methodology and used Agile Test Methods to provide rapid feedback to the developers significantly helping them uncover important risks.
* Identify potential problems, omissions and open issues and attend walkthroughs and attend signoff meetings.

**Environment:**  Informatica Power Center 8.6, Cognos, Oracle, SQL, 2, TOAD, SQL Server ,MS Excel, MS Project.

**HSBC Buffalo, NY**

**March 2015 – June 2017**

**Role: ETL QA Tester**

**Daily activities:**

* Tested the ETL process to automate the testing process and also load the test data into the testing tables.
* Wrote SQL scripts to perform database testing and to verify data integrity.
* Perform responsibilities of conducting research on IT requirements and business requirements in UAT areas
* Performed data analysis and data profiling using SQL and Informatica Data Explorer on various sources systems including Oracle and Teradata
* Performance monitoring and tuning of SQL Server queries.
* Handle the tasks of identifying defects and perform root cause analysis by analyzing data quality issues
* Involved in data warehouse testing by checking ETL procedures.
* Worked in AGILE Methodology and used Agile Test Methods to provide rapid feedback to the developers significantly helping them uncover important risks.
* Strong ability in developing advanced and complex 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
* Involved in backend testing for the front end of the application using SQL Queries in Oracle data base.
* Worked with Data Conversion projects for testing data quality after migration.
* Used SQL for Querying the Oracle database in UNIX environment.
* Identify potential problems, omissions and open issues and attend walkthroughs and attend signoff meetings.
* Provide recommendations on performance enhancements in pre-production and production environments.
* Validate the business functionality using **UAT** Testing

**Environment:** Informatica 8.6.1/8.1, Oracle 10g, MS SQL Server, MS Excel, MS Access, Windows, HP ALM Quality Center, T-SQL, SQL, TOAD, Flat Files, UNIX Shell Scripting

**Freddie Mac, VA**

**Duration: Sep 2012 – Feb2015**

**Role: ETL Tester**

**Roles & Responsibilities:**

* Involved in Business analysis and requirements gathering.
* Assisted in creating fact and dimension table implementation in Star Schema model based on requirements.
* Used Quality Centre for tracking the defects.
* Involved in backend testing for the front end of the application using SQL Queries in Oracle data base
* Extensively used Informatica power center for extraction, transformation and loading process.
* Responsible for assisting senior engineers in developing test estimation, scope and test plan for UAT
* Perform the tasks of designing and developing test procedures to meet business requirements
* Responsible for drafting complex SQL queries and perform allocation testing from front end / user interface
* Assigned the tasks of preparing test results as well as gather test results from other testers in standardized format
* Written several complex SQL queries for validating Cognos Reports
* Responsible for verifying the log files using UNIX and database for the submitted application.
* Coordinated and Interacted with Development team and actively participated in status meetings during the defect life cycle, reported the bugs and maintained their status.
* Developed Test Strategy, Test plan, Test cases, and Test scripts and various other project documentation in HP Quality Center
* Extracted data from various sources like Oracle, flat files and DB2.
* Wrote and ran UNIX Scripts for batch jobs.
* Preparing and supporting the QA and UAT test environments. Tested different detail, summary reports and on demand reports.
* Communicated discrepancies determined in testing to impacted areas and monitored resolution.

**Environment:** Informatica Power Center 7.2, SQL, TOAD, Oracle 9g, Cognos, HP Quality Center 10.0, MS Access, MS Excel, Unix.

**Education:**

* **MBA IT from Jiwaji university Gwalior 2002**