### Shrijana Aryal

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### Professional Summary:

* Over 7+ years of professional experience in Software Industry, Expertise in all kinds of testing (Manual and Automation) with focus on Business Intelligence, ETL, Data warehouse, DataMart, Databases.
* Extensive knowledge on all phases of Software Development Life Cycle (SDLC).Experience in Agile, Scrum and Waterfall models of SDLC.
* Extensive experience in Software Testing Life Cycle (STLC) and Defect Life Cycle (DLC). Participate in complete testing Lifecycle, Test Plan, Test Cases, Test Execution, & Defect Report.
* Wrote complex SQL and PL/SQL queries to validate DataMart and Data warehouse Backend Testing
* In-depth knowledge of all QA Phases that include Manual, Functional, System, Integration, Regression Testing End-to-End testing
* Worked on Batch Processing ETL, PL/SQL subprograms and performed backend testing.
* Worked heavily on testing Data warehouse ETL process with tools includes Informatica Poercenter, Informatica Data Services as well as many reports developed used various BI tools includes Business Objects, OBIEE, Hyperion Brio and Crystal Reports.
* Excellent in writing SQL and PL/SQL queries to perform Backend testing
* Strong working experience in the Data Centric Testing, Data Analysis, Design and Development
* Supporting multiple projects, while maintaining strong quality and ability to meet deadlines
* Excellent analytical skills, documentation skills and presentation skills
* Self-starter and ability to present ideas in a concise, logical and well organized format
* Highly experienced in US Life Insurance and Annuities domain.

**Technical Skills:**

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| **Bug Tracking/Test Management** | HP Quality Center |
| **Data warehouse ETL Tools** | Informatica power center 9.6, informatica data services |
| **Reports Business Intelligence** | Business Objects, Crystal Reports, Hyperion , OBIEE |
| **Relational Database (RDBMS)** | SQL Server, Oracle, greenplum |
| **Operating Systems** | Windows, Vista ,UNIX |
| **Methodologies** | Scrum, Agile, Spiral and Waterfall |
| **Business Tools** | SQL, PL/SQL, TOAD, QTP |
| **Programming Languages** | Java, .Net, XML, HTML, C/C++, VB & Java Script |
| **Microsoft Tools** | Microsoft Excel, Word, Power point, MS Project , Visio |
| **Education** | Masters of Business Administration, Masters of Commerce |

**Professional Experience:**

**Verisk Health, Richmond, VA**  **Jan 13 – Till Date**

**Sr. ETL QA Tester**

Verisk Health is leading provider of data analytics, quality & compliance, payment accuracy and revenue integrity solutions to the healthcare industry. Payers, employers and providers leverage our technology and expertise to gain a deeper understanding of their risk, their revenue management opportunities and how to better detect and prevent fraud, waste and abuse

**Responsibilities:**

* Documented the business requirements, developed test plans, test cases created for the database backend testing and to test database functionality.
* Designed and executed various Test scripts for Regression tests
* Validated ETL Informatica test data for all transformation rules and covered all the scenarios required for implementing business logic.
* Expertise in writing SQL Statements in database to make sure whether the data is populated in Data Mart/Data warehouse According to Business Rules.
* Proficient in validating the transformation and edits on claims as required by the CMS.
* Collected evidence for each step of the process to ensure that any errors are captured in time and resolved immediately.
* Extensively used ETL Informatica methodology for testing and supporting data extraction, transformations and loading processing in a corporate-wide-ETL Solution using Informatica.
* Have programming skills in SQL and PL/SQL and experience in SQL Server and Oracle databases on UNIX and Windows platforms.
* Tested reports developed by Business Objects Universes for both Adhoc & Canned Reporting users of Business Objects XI R3
* Written Complex SQL Queries. To do manual testing in my feature on the SDM tool for every release and check the configurations
* Use Business Objects OLAP Intelligence to natively access and analyze OLAP servers. OLAP Intelligence tool helps to Slice, dice, and drill directly on multidimensional sources and deliver workflows via the Web, Windows, and Microsoft Excel
* Wrote SQL and PL/SQL scripts to validate the database systems and for backend database testing.

**Environment:** Data warehouse ETL Informatica, BI Business Objects, SQL, PL/SQL, SQL SERVER 2008, Quality Center 9.0,TFS, XML, XSLT, EDI, TOAD, IBM DB2, HL7, EDI, HIPPA, ICD, UNIX, PERL , MS Access, Flat Files.

**Dean Health Plan, Madison, WI**  **Dec ‘12** – **Jan ‘13**

**Sr. ETL QA Tester**

Dean provides medical and health services through a network of clinics located throughout Southern Wisconsin. At Dean, we are committed to improving the health of our community and being one of the best providers of healthcare in the country. Our goal is to provide unsurpassed quality and compassionate care to every patient, every time.

**Responsibilities:**

* Documented the business requirements, developed test plans, test cases created for the database backend testing and to test database functionality.
* Designed and executed various Test scripts for Regression tests
* Assisted in gathering the business requirements, ETL Analysis, ETL test and design of the flow and the logic for the Data warehouse project
* Different Data Stage components especially are used effectively to develop and maintain the database
* Developed ETL test cases for various lines of businesses based on ETL Infornmatica mapping document.
* Backend testing of the DB by writing SQL queries and PL/SQL scripts to test the integrity of the application and Oracle databases.
* Expertise in writing SQL Statements in database to make sure whether the data is populated in Data Mart/Data warehouse According to Business Rules.
* Extensively used WinSQL for querying SQL queries against DB2 database to validate the Data Driven results.
* Responsible for validation of Target data in Data Warehouse and Data Marts which are Transformed and Loaded using ETL Informatica Power center.
* Extensively used ETL Informatica methodology for testing and supporting data extraction, transformations and loading processing in a corporate-wide-ETL Solution using Informatica.
* Have programming skills in SQL and PL/SQL and experience in SQL Server and Oracle databases on UNIX and Windows platforms.
* Backend testing of the DB by writing SQL queries and PL/SQL scripts to test the integrity of the application and Oracle databases.
* Created ETL test data for all ETL Informatica mapping rules to test the functionality of the SSIS packages.
* Wrote SQL and PL/SQL scripts to validate the database systems and for backend database testing.
* Used T-SQL for Querying the SQL Server database for data validation and data conditioning.
* Raised defects in HP Quality Center defect tracking system.
* Assisted in promotion of ETL Informatica Power center code and UNIX from UAT to Production.
* Worked on issues with migration from development to testing.

**Environment:** Data warehouse ETL Informatica 9.6.1, Business Objects, WinSQL, DB2, Quality Center 11.0, XML, XSLT, WinSQL, SQL Server 2005, DTS, SSIS, T-SQL, SQL, TOAD, SQL Assistant 6.0, Oracle 9i/10g, PL/SQL, IBM DB2,UNIX, PERL, , MS Access, Flat Files.

**Gulf Atlantic Capital Corporation, Tampa, FL**  **Jan ’10 – Oct ‘12**

**Data warehouse ETL Tester**

Gulf Atlantic Capital is a private investment bank specializing in middle-market companies. The firm provides its clients, their investors and lenders with a broad range of financial, operational and investment banking services. Gulf Atlantic Capital is an industry leader, invests in Aerospace spares manufacturing, Automotive, Construction, Consumer Products, Food Services, Healthcare, Heavy Industries, Textiles & Fashion, Transportation and Marine units, this project deals with company Financial Accounts like General Ledger, Balance Sheets, Retirement Planning and Insurance.

**Responsibilities:**

* Analyzed Functional specifications, Business rules to gain a better understanding of the application
* Prepared Test Cases for Basic, Alternate and Error Flows.
* Reviewed Test Scenarios and Test Cases.
* Conducted Smoke testing to ensure the stability of the Application
* Managing the Test Process, Web/eBusiness Testing,
* Used Test to invoke the scripts and initially performed the baseline testing and organized all the scripts systematically and generated reports.
* Test Case Execution and logging defects for the failed test cases into the Excel Sheet.
* Creation and Maintenance of Defect Profiles.
* Wrote VBScripts for Black Box and White Box Testing.
* Used Unix Shell Scripting as needed for backing up data.
* Performing Backend testing using extensive SQL queries by UNIX Shell Scripting.
* Conducted Boundary and Error testing on the AUT manually for selected Test Cases.
* Created libraries in VB Script to call from test script
* Involved to write test clients to test the UNIX/Linux functionalities in the language like Java and Shell Scripting.

**Environment:** Toad, PL/SQL, XML, UNIX, Quality Center 9.0, Weblogicserver5.1, SQL Server 2005Windows 2003/XP, VS.Net 2008, ASP.Net, VB.Net, SQL Server 2005, T-SQL, CSS and HTML, QTP.

**Patni Computer Systems, Mumbai**  **Feb ’08 – Dec ‘10**

**Data warehouse ETL Tester**

**Responsibilities:**

* Created test cases and test plans for user acceptance testing and system testing based on functional specifications.
* Tested all the ETL processes developed for fetching data from OLTP systems to the target Market Data warehouse using complex SQL queries.
* Tested the entire compliance reports generated using Business Objects BI tool by validating the data in the report against the database according to the requirement specifications using SQL.
* Worked with the DSO team to understand the source to target mapping document and accordingly helped them to clean the source data to decrease the defects and to ensure that
* Prepared UNIX scripts to run the Informatica ETL jobs from command line.
* Maintained all the test cases in HP Quality Center and logged all the defects into the defects module.
* Tested the migration of reports from Business objects.

**Environment:** Data warehouse ETL Informatica 8.6, Business Objects, SQL, PL/SQL, HP Quality Center 9.2, XML, Oracle 10g, ALM, SOAP UI, JavaScript and TOAD for Oracle