**VENKAT UPADYAYULA**

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### PROFESSIONAL SUMMARY

* Skilled professional having 16+Yearsof experience in IT industry with experience in Bigdata/Mark Logic /DWH(ETL/BI) Testing and Manual/DB Testing/Test Automation using Selenium/Soap UI.

### Excellent Testing experience in all phases and stages of Software Testing Life Cycle and Software Development Life Cycle (SDLC) with good working knowledge of testing methodologies and disciplines.

### Good understanding of Data Warehousing concepts, Data Model (Star and Snow- Flake Schemas).

### Extensive Working experience in applying Relational Database Concepts, Entity Relation diagrams and Normalization concepts.

### Expertise in ETL/DWH testing concepts and good understanding of the ETL tools (Datastage, Informatica) BI tools (Cognos, Business Objects, Qlik Sense).

### Worked on different types of data validations like data completeness, data accuracy, metadata, Source to target file validation.

* Extensive experience in ETL/ Data warehouse backend testing and BI Intelligence reports testing.
* Proficient in Designing Test Strategy, Test Plan, Test Schedules, Test Cases, Execution of Test Cases, logging bugs, Root cause analysis, tracking of bugs with module wise till closure.

### Good knowledge on Bug/Defect life cycle, Defect tracking and management.

* Types of Testing involved for various projects are Sanity Testing, Functional Testing, Regression Testing, Integration Testing, GUI Testing, and Compatibility Testing.
* Actively involved in User Acceptance Testing (UAT) and Training of the end users. Participated in cross-functional teams to reengineer and improve business processes.
* Involved from the Initiation of the Testing Project to the Closure Reports.

### Worked on web service testing using API’s.

### Experience in Scheduling tools like Control-M/Autosys.

### Experience in ETL automation tools like Query Surge/Platinum.

### Proficient in preparation complex SQL queries using joins, functions.

### Worked on UNIX environment.

* Experience in Business Intelligence testing in various reports using Cognos, Business Objects, Qlik Sense.
* Experience in the Policy center/Billing Center/Claim Center functionalities in Guidewire application.
* Experience in the process of IBM sterling commerce Order Management System.
* Worked on Agile (Scrum) model in the project implementation.
* Quick learner and excellent team player with good communication skills.
* Knowledge on Teradata database.

### TECHNICAL SKILLS:

ETL Tools : DataStage, Informatica

BI Tool : IBM Cognos, Business Objects, Qlik Sense

Data Integration : MarkLogic

Operating Systems : Windows XP/NT/2000, UNIX (HP, Solaris, AIX),Mainframe, Linux

Databases : Oracle 10g/9i/8i, SQL-Sever, DB2,Redshift, AWS Athena

Testing Tools : Quality Centre (HP ALM),JIRA, Beyond Compare, SOAP UI,SELENIUM

ETL Automation Tools : Query surge, Platinum, Data Gap

Web Languages : HTML & XML

Applications : IBM sterling commerce Order Management System (OMS),

Guidewire V8/9, Infinite Campus

**EDUCATION:**

* Bachelor of Computer Science from Osmania University, Andhra Pradesh, India in 2004.
* Masters in information Systems from University of Ballarat, VIC, Australia in 2008.

### PROFESSIONAL EXPERIENCE:

**Client: EIG (Erie Indemnity Group)**

**Location: Erie, PA**

**Role: Senior Data Quality Analyst Sept 2019 - Till Date**

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**Project Name: CIM (Customer Information Management)**

**Project Description:** Erie insurance provides insurance needs (Auto/Home/Life) for personal, Businesses. This Project CIM is a single platform that provides customers’ consolidated information to Agents/Home office employees/Customers/Data stewardship team to make decision or provide information. Business reports will be generated using Qliksence from CIM DB for decision making.

**Responsibilities:**

* Participated in Requirement gathering meetings to understand the requirements as per business.
* Created, maintained Test plan/Test Strategy documents.
* Test Scenario preparation as per the business requirements, walkthrough with stake holders and getting approvals.
* Peer review test cases written by the team members and provide suggestions.
* Validate Source (MDM/ASR) files in AWS S3 buckets as part of ETL load process.
* Validate the Mark Logic ingestion process from AWS S3 buckets to Mark Logic PREP data base.
* Perform the count validation between AWS S3 buckets, Mark Logic PREP data base and compare counts with guarantee delivery file.
* Validate the Mark Logic Harmonization flow between MarkLogic PREP data base and MarkLogic FINAL data base.
* Validate the MarkLogic FINAL data base data with Harmonization rules/Business logic by writing Xqueries.
* Automated the complete source (MDM) to MarkLogic DB using SOAP automation scripts.
* Created automated regression suite to verify the code/logic after new functionality is added by using Selenium automation framework.
* Created the JIRA tasks and allocation of the tasks based on stories.
* Test case execution, data validation and defect tracking in JIRA.
* Conducted the regression/integration testing after the new functionalities are being introduced or after defect fixes.
* Participated in sprint planning, story grooming and backlog grooming sessions as part of agile process.
* Conducting the Triage meetings to know the progress till defect closure.
* Validate Rest Services using SoapUI Pro and Groovy Script.
* Off shore/onshore co-ordination.
* Preparing project status reports.
* Worked with business users while UAT testing.
* Production support for any incidents raised by Agents/Users.

**Environment:** Mark Logic, HP ALM, HP AGM, Soap UI, Selenium, AWS S3, Splunk, Urban Code Deploy.

**Client: State Auto Insurance**

**Location: Columbus, OH**

**Role: Lead ETL /BI QA Analyst Aug 2018- Sept2019**

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**Project Name: EDW/Report services/Data Lake**

**Project Description:** State Auto offers variety of line of business insurance options for personal (auto/Home/Umbrella) and Business (commercial auto/business owners/umbrella) needs. Guidewire application (PC/CC/BC) which provides the agents to create with new business/updates or modifications to existing one. The data flown to Data warehouse from Guidewire then financial reports, state tax reports will be generated in Qlik sence as per the business user need.

**Responsibilities:**

* Attended the business walkthrough meetings to understand the Requirements, analyzing the requirements and GAP analysis.
* Created the Test strategy, Test plan documents.
* Test Scenario preparation as per the business requirements.
* Reviewing test case written by the team members.
* Validate the scenarios based on the coverage and getting the approvals from business.
* Test data preparation to cover all scenarios.
* Created sample policies/Claims in Guidewire policy center/Claim center application to validate the flow to data warehouse and the reports.
* Trigger the Infomatica jobs to load the data from Source to Data warehouse.
* Validated SCD logic that is being implemented by Informatica into the warehouse.
* Created the JIRA tasks and allocation of the tasks based on stories.
* Test case execution, data validation and defect tracking in JIRA.
* Conducted the regression/integration testing after the new functionalities are being introduced or after defect fixes.
* Participated in sprint planning, story grooming and backlog grooming sessions as part of agile process.
* Automated the test scripts in IDQ to validate the data.
* Conducted the Triage meetings to know the progress till defect closure.
* Prepared the complex SQL scripts using joins/functions to validate the Data flow from the Source to Target EDW as per the ETL mapping/logic.
* Used the automation tool (Platinum) to validate the data between source and target.
* Validate Rest Services using SoapUI Pro and Groovy Script.
* Validate Rest Services using Assertions.
* Validation of the data between the Staging, transformation layer in HIVE using AWS Athena.
* Validating target files in AWS S3 buckets.
* Validated Qlik reports (financial and monthly balancing reports) which will be generated from EDW as per logic by writing SQL scripts.
* Off shore/onshore co-ordination.
* Sending the project Status to the management.
* Worked with business users while UAT testing.
* Validated the incidents/defects raised by users in PROD and given the signoff the code tore-deploy to PROD.
* Self-motivated to gathering the information with minimal support.

**Environment:** Informatica 10.2, Qlik Sense, SQL Server, Redshift, AWS Athena, Guidewire V8/9, JIRA, SoapUI, Groovy Script, SQL Server Management studio, Beyond Compare, UNIX

**Client: HISD (Houston Independent School District)**

**Location: Houston, TX**

**Role: Lead ETL /BI QA Analyst Aug 2017- Aug 2018**

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**Project Name: Student Information System Implementation (SIS)**

**Project Description:** HISD chosen new system (IC-Infinite Campus) for storing student, campus, Staff information. Dashboards (A4E-Analytics for Education)/Adhoc reports to measure the student/campus/staff performance.

**Responsibilities:**

* Analyze the user Requirements.
* Prepared the test scenarios/test cases based on Requirements.
* Test case execution/Defect tracking in ALM.
* Test Data preparation to validate business logic.
* Conducted functional/Regression testing for newly added functionalities and maintained the output results.
* Participated in triage meetings with project teams to discuss issues.
* Running the Infomatica jobs to load the data from Source to Data warehouse.
* Prepared the complex SQL scripts to validate the Data flow from the Source to Targets.
* Used the automation tool (Querysurge) to validate the data between source and target as part of regression testing.
* Validated the Cognos dashboard repots, created Adhoc reports based on user requirement.
* Validated Cognos reports by writings SQL queries (from Data warehouse to Reports).
* Closely working business users on UAT testing.
* Prepared the project status reports to management team.
* Provided KT sessions to new team members.

**Environment:** Informatica 10.2, IBM Cognos 11, SQL Server, HP ALM, SQL Server Management studio, UNIX.

**Client: Money Gram International**

**Location: Minneapolis, MN**

**Role: Sr. ETL/BI QA Analyst March2016 – Aug 2017**

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**Project Name: ERCM (Enterprise Risk Case Management)**

**Project Description:** The Global Financial Crime Risk Management Project (GFCRMP) is meant to transform MoneyGram’s compliance capabilities to better identify, track and report Compliance cases. As part of ERCM (Enterprise Risk Case Management) project MoneyGram is implementing a vendor solution from Actimize which includes Watch List Filtering, Suspicious Activity Monitoring and Fraud.

ERCM will provide Agent 360 View, consumer 360 View and GEO 360 View to report Compliance cases.

**Responsibilities:**

* Understanding the Business Requirements.
* Involved in Business meeting to understand the process/Flow.
* Prepare test plan and work breakdown estimate
* Prepared the High-level test scenarios based on Requirements.
* Test Data preparation as per requirement.
* Schedule and monitor the test cases execution in ALM
* Prepared the SQL scripts to validate the Data flow from the Source to Targets.
* Validated Cognos reports by writings SQL queries (from Data warehouse to Reports).
* Validated ETL process to load data into landing tables of MDM Hub using Informatica 9.6.1.
* Validated the integrated Customer data from different sources to target, Customer Master Data to get best version of truth as golden record.
* Scheduling triage meetings to keep track and level of severity defects and communicating to
* Project Managers with Execution Score Card with defect Status.
* Preparation of status reports (WSR/DSR).
* Off shore /on site Co-Ordination.
* Coordinated the business team for UAT testing.

**Environment:** Informatica 9.6.1, Informatica MDM 9.7.1, IBM Cognos 10.2.1, Oracle 10g, HP ALM, PL/SQL Developer, UNIX.

**Client: CVS Caremark**

**Location: Woonsocket, RI**

**Role: Sr.ETL/BI QA Analyst May 2015 –March 2016**

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**Project Name: DOMS (Distributed Order Management System)**

**Project Description:** Current state of CVS does not have a robust order management solution, resulting in limited order management and fulfilment capabilities. This project initiative Distributed Order Management System enables CVS to migrate from current legacy OMS to a robust OMS solution.

In order to move from current state of OMS to future state, CVS has chosen IBM sterling OMS solution.

**Responsibilities:**

* Understanding the Business Requirements.
* Written the High-level test scenarios and test cases to meet the business Requirement.
* Involved in Peer Review of the test cases, test condition and test scenarios.
* Execution of Test Scripts, Defects reporting and tracking by using ALM.
* Running the Batch jobs using the Control-M.
* Test Data preparation as per requirement.
* Preparation of SQL scripts to check the Data flow from the Source to Targets.
* Scheduled triage calls with stake holders.
* Preparation of status reports (WSR/DSR).
* Off shore /on site Co-Ordination.
* Used API's to validate IBM Sterling Commerce and validated Inventories in IBM Sterling Commerce web console.
* Validated the complete flow from PO creation to Order fulfillment.
* Coordinated the business team for UAT testing.

**Environment:** Informatica 9.0.1, Oracle 10g, HP ALM, Control-M, Oracle SQL Developer, UNIX, IBM Sterling OMS

**Client: HSBC Bank**

**Location: India**

**Role: ETL Test Analyst Jan 2014 - Mar 2015**

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**Project Name: SPARC (Strategic Product Accounting and Regulatory Control)**

**Project Description:** HSBC have chosen the Accounting Hub (Strategic Product Accounting and Regulatory Control) as the basis for the implementation of the Accounting Rules Engine. The Accounting Rules Engine forms a core part of the strategic global architecture of HSBC. This model is a move away from existing back-office driven accounting processes, which resulted in traceability and reconciliation issues with front office system.

**Responsibilities:**

* Understanding the Business Requirements and writing the test scenarios and test cases based on the business Requirement.
* Interacting with BA’s for any clarifications on the functionality.
* Involved in Peer Reviewing the test cases, test condition and test scenarios.
* Execution of Test Scripts, Defects reporting and tracking by using QC.
* Running the Batch jobs using the Control-M.
* Preparation of Test data as per business scenarios.
* Preparation of SQL scripts to check the Data flow from the Source to Staging, Staging to Target Tables.
* Validated Cognos reports by preparing SQL queries.
* Preparation of WSR.

**Environment:** Data Stage 8.1, Cognos, Oracle 10g, QC 11(HP ALM), Control-M, Toad, UNIX

1. **Client: HSBC Bank**

**Location: India**

**Role: ETL Test Analyst Nov 2012- Dec2013**

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**Project Name: GLOBAL DECISION DATA STORE (GDDS)**

**Project Description:** The purpose of the GDDS project is to develop and implement a flexible tool to deploy the risk analytic outcomes into Group Standard Decision tools such as SMG3 and TRIAD. To meet and support the requirement from Analytics and Decision Centre of Excellence (DCOE), this proposed tool will offer maximum business control with minimal to no IT intervention. This will allow Analytics to customize at its discretion, decision data to the relevant predictive model and to realize their benefits quickly.

**Responsibilities:**

* Reviewed the HLD and BRD Documents to understand the Requirements.
* Prepared the test plan and Test Schedule Documents.
* Created and Executed Test cases using QC.
* Prepared complex SQL Queries to validate source and target Tables.
* Validate the source (SAS) Interface Files by using Unix Commands.
* Prepared reports such as status report, defect report for Project manager to track the project progress.
* Interacted with the development team to get the Defects resolved.
* Regular interaction with Onsite Coordinator to update testing status.
* Performed the Sanity, Regression Testing after every code release.
* Conducted team meetings to resolve issues during testing.
* Created Test Data to cover all the functional/Business test scenarios.

**Environment:** Data Stage 8.1, DB2 9.5, QC 9.2, Citrix Client, UNIX.

1. **Client: HSBC Bank**

**Location: India**

**Role: Database Test Analyst Jan 2012 – Oct2012**

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**Project Name:** UNO

**Project Description:** Project UNO is going to migrate the following custody platforms to State Street over the course of 2011 and 2012:

* Domestic Private Bank (DPB) from SEI
* Corporate Trust from SEI
* International Private Bank (IPB) from ADP

The State Street custody platform is based on SunGard’s Global plus Trust Accounting System and is integrated with State Street’s Wealth Connect, a portal that provides access to the following functionality:

* Portfolio Management
* Trade Execution
* Proxy Notification and response
* Tax Filing
* Performance management.

**Responsibilities:**

* Understanding Use Case Scenarios of Project UNO
* Prepared Business and Test Cases/Scripts.
* Created simple and complex SQL queries to validate Source and Target tables.
* Executed TC scripts using QC.
* Managed Defect life cycle and follow up in QC
* Interacted with onsite people on regular basis for project updates.
* Conducted the system testing successfully.
* Given KT to the new team members.

**Environment:** Aqua Data Studio 4.5, IBM DB2 8.1, IBM Data Studio 2.2.1, QC 9.2

1. **Client: Barclay’s Bank**

**Location: India**

**Role: DB Test Analyst June 2011 – Dec 2011**

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**Project Name: FCL (Fund Control) Testing**

**Project Description:**

Fund Control (FCL) is the product that has been designed to meet the requirement of Barclay’s bank. FCL receive the Fund Check request from calling system, after which FCL communicates with the Barclay's backend system to check the Balance of the Debit Account and apply different Calculation and Limits on it to take the final decision as 'PAY' or 'NO PAY' Which is being sent to calling system for further Processing.  
  
**Responsibilities:**

* Involved in writing the test scenarios and test cases against the business Requirement.
* Involved in Peer Reviewing the test cases, test condition and test scenarios against the business Requirement.
* Execution of Test Scripts and Preparation of Daily status Report.
* Defect Management.
* Responsible for providing training at client site, also provide the timely training on new functionalities received in change Request to team members.
* Running the SOD and EOD jobs using the UNIX.
* Prepared SQL scripts to check the back-end database.
* Interacting with BA for any queries related to functionality.
* Interacting with Development team for timely resolve of issue.
* Query resolving of UAT team.

**Environment:** Oracle 9i, QC 9.2, Citrix Client, Toad, UNIX.

1. **Client: Albertson’s Inc.**

**Location: India**

**Role: ETL Test Engineer May 2009- June 2011**

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**Project Name: MyFacility –Data Analytics and Reporting**

**Project Description:**

The project consists of an overall integrated asset management solution that encompasses a wide array of initiatives that focuses on the overall goal of reducing the total cost of ownership through strategically managing assets. A BI effort is underway to develop an MYFACILITY data mart to accommodate ad-hoc and prepared analytical reporting.

**Responsibilities:**

* Understanding Functionalities as per the Client.
* Verifying the data in target database by ETL process
* Verified column mapping between source and target
* Prepared test data for functional & Integration testing
* Interactions with BA & Dev teams to resolve the issues.
* Reporting daily testing status.
* Designed, Reviewed & Executed Test cases.
* Identified Test cases for Regression testing
* Defect Analyzing and Reporting in QC
* Communication with client for Data management.
* Test case execution.

**Environment:** Data Stage 7.5.1EE, Oracle 9i, Sun Solaris, Quality Center 9.2

1. **Client: Anheuser Busch**

**Location: India**

**Role: ETL Test Engineer June 2004–March 2006**

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**Project Name: EOW Regression testing**

**Project Description:**

This project supports the Supply Chain Program’s major goal of maximizing the precision, and accuracy of retailer orders, it can optimize production and inventory levels and make cost-efficient use of transportation resources and allows to monitor beer inventory more accurately and to optimize production and shipment schedules, reducing inventory and operating costs at the breweries. It also minimizes the frequency with which wholesalers and retailers run out of any specific product, creating the potential for increased sales.

**Responsibilities:**

* Analyzing the ETL Job flows and preparing test cases
* Running the jobs in Datastage6.0 and 7.5.1 versions taking screenshots
* Prepared TPD (Test plan document) and Test Cases
* Preparing Test plan based on Source to Target mapping sheets
* Involved in generating Test Scripts for System Testing, Integration Testing, Regression Testing and Acceptance Testing.

**Environment:** Ascential Data Stage EE 7.5.1(PX), Oracle, UNIX Script, Citrix Client, Quality Center 8.2