VenuGopal Boya

Senior Test Analyst

Phone: 07402964484, 07440569514

E-mail: venugopalboya@yahoo.com

**Summary of the profile:**

* ISTQB certified lead tester with over ten years of experience in manual testing across Industries.
* Experience of working for Major clients like CICA, NHS, Danish Government (Healthcare), MIAP (LSC UK now SFA), Betfair and Shell
* Experience in Health Care, Insurance, Education, Betting and Energy and Utilities domains.
* Worked on Large and complex projects including three end to end life cycle implementations
* Reviewed Use Cases and raised functional issues to add value and stability to the requirements.
* Prepared traceability matrixmanually as well as using rational requisite pro on multiple projects
* Written, reviewed and executed manual scripts.
* Conducted peer reviews of software test results.
* Solely Responsible for planning, designing, strategizing, writing and executing and Sign off the ETL Software testing.
* Raised and tracked bugs through the complete bug life cycle using Bugzilla (two years),Test Director/QC **(**sixyears**)**, Jira (1 year), TIR tool (1 year)
* Performed various testing like Functional, Regression, Web service, Configuration, Deployment, Non-functional, System Integration, Static, WAI**,** Browser Compatibility, Operating System compatibility, system, witness, Final acceptance -FAT,GUI, Interface, Transition, Data Migration and ETL.
* Performed extensive XML Testing, XML validation against the XML Schema.
* Performed Extensive Server side testing analyzing Diagnostic and Server logs to analyze the errors.
* Performed extensive Database testing (Oracle) through PLSQL developer using complex SQL queries
* Excellent knowledge of Software Testing Life Cycle and Software development Life Cycle.
* Good knowledge of Win Runner, QTP and Load runner.
* Performed backend testing using **SQL, UNIX, and XML.**
* Effective team player, excellent people skills, client management Skills, written and verbal Communication skills.
* Efficiently interacted with the BA, DB, Infrastructure and the DEV teams to co-ordinate testing activities.
* Actively involved in team meetings for Planning and strategizing the testing.
* Experience of working on Agile driven projects.
* An aspiring perfectionist, Reliable, Dependable, Organized, great attention to detail with a desire to succeed and produce quality deliverables in defined time scales

**Domain Experience**

* Health Care
* Banking - Card Payments
* Energy - Oil and Gas
* Insurance
* Education
* Online Betting & Gaming
* E-learning

**IT Skills**

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| --- | --- |
| **Web Dev. Tools** | HTML, XML, ASP 3.0, Eclipse |
| **Testing Tools** | Win Runner, HP Quick Test Professional 10.0, HP Quality Centre 9.2, SoapUI , Altova XML Spy, TMS - Simulator |
| **Scripting Languages** | C, SQl, UNIX, TSL, VBScript. |
| **Types of Testing** | Smoke/Sanity/Build Acceptance Testing, Build Validation Testing, Functional Testing, Negative Testing, Regression Testing, Interface testing, Parallel run testing, Assurance testing, System Integration Testing, EAI Testing, Use Cases Testing, Navigation Testing, Client Witness Testing, User Acceptance Testing **(UAT)**, Compatibility Testing, Cross Browser Testing, Usability Testing, Database Testing, End to End Testing , Black box Testing, Accessibility Testing, Patch Testing, Performance Testing(Knowledge), Automation Testing (knowledge), XML Validation and comparison testing, XML and XSD comparison Testing, SOA Testing , Backend Testing, Web services Testing, Risk Based Testing, Server-based testing, Infrastructure testing, Configuration Testing, Data Migration Testing, Transition Testing, Data Compression testing. |
| **Defect Management** | Test Director, Quality Centre (ALM) 11 (Application Life cycle Management Software) , Bugzilla, Jira , TIR – Test Incident Report |
| **Databases** | Oracle , MS Access, SQL Server 2008 R2, DB2, SQL, PL/SQL, MQ Series |
| **ETL Tools** | Business Objects, Data Integrator |
| **OS** | Windows 97, 98, 2000/ XP/ 7, UNIX, Linux, |
| **Packages** | Microsoft Office XP/2003/2007 |
| **Browsers** | Internet Explorer (versions 7,8), Mozilla, Firefox 3.x/ 4/11, Safari 5, Google Chrome, Netscape Navigator , Lynx |
| **Document Management** | Microsoft SharePoint |
| **Servers** | UNIX, Windows Server 2008 R2 |
| **Networking** | Networking Concepts (TCP/IP), |
| **Other Tools** | WINSCP, Putty, Bobby, Rational requisite Pro , Textpad ++, Java Console, LDAP Browser, Microsoft CRM, Dynamics AX, Test Frame, Jaws |

**Skills & Competencies**

* Manual Testing
* Functional Testing
* Non Functional Testing
* Data Migration Testing
* User Acceptance Testing
* Transition Testing
* Interface Testing
* System Integration Testing
* ETL Testing
* Agile testing

**Career Summary**

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| 2005 to Nov 2012 | LOGICA PVT Ltd |
| 2002 to 2005 | Prosoft Programs India Limited |

**Career History**

**Professional Experience:**

**Project 1:** **Horizon - Shell**

**Senior Test Analyst: Logica May 2011 - Nov 2012**

**Domain: Oil and Gas/ Banking - Fuel Cards**

**Client: Shell**

**Technologies: SQL Server 2008 R2, Window Server 2008 R2, Internet Information Server, Window Server 2008,**

**R2, GFN, CRM, AX, Microsoft Share point, Fuel Card Payments, Energy Sector**

Shell is a Major Oil and Gas Supplier in the world. Horizon solution is to implement solution to offer fuel cards to

Shell customers. The Solution involves testing various systems across the entire shell architecture to test integration between various Systems and also test the end to end business processes to ensure the shell business requirements are met. Role also Involves Interacting with the third party supplier, Gain knowledge and be the SME of the third party application for the testing team and other teams across the program.

**Responsibilities:**

* Reviewing and analysing and provide the business teams with feedback.
* Estimating the test preparation activities.
* Gain knowledge of the third party software and share the knowledge across testing team and the programme.
* Prepare the Test coverage and Traceability Matrix
* Created customers in the fuel card processing systems through CRM.
* Set up customer with various types of price rules
* Created various types of fuel cards for various types of customers and tested the functionality associated with each combination of customer type and card types
* Prepared and processed transactions data files to imitate the purchase and authorize
* Performed Root Cause Analysis by checking the errors or exceptions returned as a response to the ETL job Run by verifying the Server logs, identifying the errors/exceptions using the date and time stamp the test was executed, verifying the event viewer logs for errors/exceptions, querying the database to check the exception holding tables, verify all the tables related to the test are being populated, checking if the tests are traversing through expected path by looking at the DB entries, verifying integration issues with, Environment configuration failures, DB connectivity issues
* Written, reviewed test scripts for payments processed in Dynamics AX system covering various functionalities involving various types of payment methods, different ledger accounts, matching, tolerance, multiple bank accounts, indemnity, dunning, Write off, payment after write off
* Manually prepared the invoice interface files to process to produce the printed invoices for the customer
* Manually Verified the complex invoice interface files produced through batch process
* Processed payments in AX system for the invoices produced
* Performed requirement gap analysis and test coverage analysis
* Mentor and guide the other the new starters members to ensure the correctness of the deliverables
* Help and establish best practices test preparation process on the program
* Reviewing the system Test scripts and Test Data across all the applications and Interfaces
* Designing and writing test scripts, preparing test data and executing test scripts for the end to end business flows.
* Interact and co-ordinate with the various Business, Infrastructure and various Dev teams.
* Conduct Demos of the various applications to Shell, Logica and the Partner Company Senior managements and the users as per the program needs.
* Conduct knowledge sharing sessions and mentor the new starters on the program to help them get up to speed with testing activities
* Analysing, reporting and tracking the bugs using QC and provide inputs to the dev team.

**Project 2: Betfair**

**Senior Test Analyst: Logica Jan 2011 – May 2011**

**Domain: Online Betting and Gaming**

**Client: Betfair**

**Technologies: Oracle 11g, JAVA JVM, JDK, J2EE, Log4j, SonicMQ, SOAP, QC, Agile**

Betfair is the leading Betting and Gaming Company with business spread into betting across various sports and online gaming such as Casino etc. All the bets are regulated by the government. The role involves XML validation and XML message processing (SoapUI) and Application server log analysis to verify the results and query the database to verify the results

**Responsibilities:**

* Reviewing and analysing the requirements.
* Estimating the testing activities.
* Performed regression, and System Testing.
* Writing and executing system Test scripts.
* Interact and co-ordinate with the DEV teams.
* Participate in Sprint planning and sprint estimates with the Client
* Created input xml files for test Data using the Interface spec documents and the XML message type definition
* Tested the applications using SoapUI by injecting the test data and validating the results.
* Verified the failures within different levels of the applications like error response returned, errors or exceptions in the server logs, Database querying.
* Performed Root Cause Analysis by verifying the response returned, by checking for any errors or exceptions on the Application Server logs, identifying the errors/exceptions using the date and time stamp the test was executed, verifying the event viewer logs for errors/exceptions, querying the database to check the exception holding tables, verify all the tables related to the test are being populated, checking if the tests are traversing through expected path by looking at the DB entries, verifying integration issues with other applications like response failures from integrating application, Environment configuration failures, DB connectivity issues, messages stopped in the queues, Test data issues in the XML input, incorrect processing (functional failures), identifying unexpected XML nodes being populated, missing XML nodes, validating the XML files against the XSD and the database, verifying the mandatory and optional nodes within the formed XML against the specifications, identify the failures at the log files on the application Server.
* Analysing, reporting and tracking the bugs using QC and provide inputs to the dev team.

**Project 3: Cosmic, HRLON, IPAS**

**Test Lead: Logica Jan 2010 – Jan 2011**

**Domain: Health Care**

**Client: Danish Govt**

**Technologies: MY SQL Server, JBOSS, Java, J2EE, SOAP UI, JIRA**

To implement the customisations to the health care application across various customised installations across Denmark. Cosmic deals from booking of appointments to the discharging of the Patient including day to day treatments, tracking the patient progress and medication as well as saving medical records. The role involves XML validation and XML message processing using SoapUI and Application server log analysis to verify the results and query the database to verify the results.

**Responsibilities:**

* Performed web services testing using SOAPUI.
* Reviewing and analysis the requirements.
* Estimating the testing activities.
* Regression and System Testing.
* Writing and executing system Test scripts.
* Interact and co-ordinate with the DEV teams.
* Created input xml files for test Data using the Interface spec documents and the XML message type definition
* Tested the applications using SoapUI by injecting the test data and validating the results.
* Verified the failures within different levels of the applications like error response returned, errors or exceptions in the server logs, Database querying.
* Performed Root Cause Analysis by verifying the response returned, by checking for any errors or exceptions on the Application Server logs, identifying the errors/exceptions using the date and time stamp the test was executed, verifying the event viewer logs for errors/exceptions, querying the database to check the exception holding tables, verify all the tables related to the test are being populated, checking if the tests are traversing through expected path by looking at the DB entries, verifying integration issues with other applications like response failures from integrating application, Environment configuration failures, DB connectivity issues, messages stopped in the queues, Test data issues in the XML input, incorrect processing (functional failures), identifying unexpected XML nodes being populated, missing XML nodes, validating the XML files against the XSD and the database, verifying the mandatory and optional nodes within the formed XML against the specifications, identify the failures at the log files on the application Server.
* Analysing, reporting and tracking the bugs using QC and provide inputs to the dev team.

**Project 4: Managing Information across Partners (MIAP)**

**Senior Test Analyst and Team Lead: Logica April 2008 – Dec 2009**

**Domain: Education**

**Client: LSC**

**Technologies: Oracle, Business Objects, Java, SoapUI, PLSQL Developer, Bugzilla**

MIAP (Managing Information across the partners) is a project for UK government repository of Organization and student data, facilitates the sharing of data across the education sector. MIAP is also designed to be a shared service which can be used by other education related programmes that need a similar service. The role involves extensive querying and updating of the database to set up the test date required for test execution. The role involves verifying the logs to identify and analyse the errors

**Responsibilities:**

* Reviewing the FS and feedback the business team with any loose ends
* Define a strategy to test the build
* Writing and Reviewing of Test Scripts Based on the FS
* Deploy, build, Integration, Regression, and System Testing.
* Writing and executing Integration Test scripts (Using Business Objects)
* Execute Test Cases and record results based on FS.
* Performed server side testing to verify single login session across various machines
* Performed web services testing using SOAPUI.
* Analysing, reporting and tracking the bugs using Bugzilla and provide inputs to the dev team in helping them to fix the defects.
* Interact and co-ordinate with the BA, DB, Infrastructure and the DEV teams.
* Perform UAT with the Clients
* Prepare Business case to justify use of automation
* Work closely with the BA team (After a stable version of the software is ready) to ensure the new use cases are in compliance with the existing system and provide the Impact and feasibility analysis

**Project5: NHS Spine**

**Senior Test Analyst and Team lead: June 2006 – April 2008**

**Domain: Health**

**Client: BT**

**Technologies: JAVA, Log4j, Oracle, Sun Solaris, Test Director, Altova XML Spy, Rational Requisite Pro, LDAP,**

**TMS Simulator**

The project is for the UK government Health Organisation. It maintains the records for patient’s demographic and official details for GP registration on a central database. Among other modules it comprises of PSIS, PDS, ACF and CSA. The CSA will allow users to access a summary of a patient's Spine clinical record (PSIS) and demographic details (PDS). It will allow users to update a patient's consent (from their demographic details).ACF- The Access Control Framework (ACF) is a solution for mediating access to Patient clinical data. It provides a Legitimate Relationship Service to accredited NCRS systems and an Access Control service to both PSIS and CSA. Each of these modules is very large and an applications on their own. The role Involves extensive XML validation against the XML Schema and XML message processing and performing server log analysis of log4j, Diagnostic and sever logs to analyse the errors. The role involves extensive querying and updating of the database to set up the test date required for test execution.

**Responsibilities:**

* Worked on three applications namely ACF, PSIS and CSA within the Spine Applications
* Reviewed Functional Specifications and Design Specifications Writing and Reviewing of Test Scripts Based in the FS Functional, Regression , Non Functional, Integration and configuration, System Testing, Executing Batch jobs in UNIX Server
* Executed Test Cases and recorded results in TD based on FS.
* Worked extensively on XML validation and processing XML request (XMl Altova Spy)
* Performed Extensive Server side testing , run batch jobs through UNXI servers and Java Console and verify the database and the logs for the results
* Analyzed Diagnostic and Server log to identify the root cause of the errors
* Created input xml files for test Data using the Interface spec documents and the XML message type definition
* Tested the applications using SoapUI by injecting the test data and validating the results.
* Verified the failures within different levels of the applications like error response returned, errors or exceptions in the server logs, Database querying.
* Performed Root Cause Analysis by verifying the response returned, by checking for any errors or exceptions on the Application Server logs, identifying the errors/exceptions using the date and time stamp the test was executed, verifying the event viewer logs for errors/exceptions, querying the database to check the exception holding tables, verify all the tables related to the test are being populated, checking if the tests are traversing through expected path by looking at the DB entries, verifying integration issues with other applications like response failures from integrating application, Environment configuration failures, DB connectivity issues, messages stopped in the queues, Test data issues in the XML input, incorrect processing (functional failures), identifying unexpected XML nodes being populated, missing XML nodes, validating the XML files against the XSD and the database, verifying the mandatory and optional nodes within the formed XML against the specifications, identify the failures at the log files on the application Server.
* Analysing, reporting and tracking the bugs using TD.
* Interact and co-ordinate with the BA, DB and the DEV teams.
* Contribute towards strategising the testing and Team leading a team of 4 and collecting Metrics on a daily basis
* Perform Witness testing with the Clients

**Project 6: CICA**

**System Analyst: Oct 2005 – May 2006**

**Domain: Insurance**

**Client: CICA**

**Technologies: DB2, MQSeries, Java, TIR Tool**

Application deals with creation, cancellation, renewal, claims and maintenance of accident and health insurance.

**Responsibilities:**

* Reviewing of test scripts
* Functional, Regression, Retesting and System Testing, executing Batch Jobs.
* Developed & Executed Test Cases based on SRS.
* Reporting and tracking the bugs using the bug tracking tool.
* Interact and co-ordinate with the BA, DB and the DEV teams.
* Actively involved in team meetings for strategising the testing

**Project 7: INS, Domain: Insurance, Duration: Aug 04 – Oct 05**

**Project 8: Web Test, Domain: e-learning, Duration; Dec 03 – June 04**

**Project 9: Parking Management system, Domain: Commercial, March03 –Oct03**

**Project 10: Attendance Management System, Domain: Commercial, Sep 02 – Feb 03**

**Qualification:**

BE Electrical and Electronics Engineering - University College of Engineering Osmania University

ISTQB certified

(MBA-Finance)

**Interests**: Playing Cricket, Watching Cricket, Fitness , Stand up Comedy, Current Affairs and Cooking