**Prasanna Gorantla**

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## **Professional Summary**

Over 12 years of experience as a Software Test Engineer with experience **in Financial, Insurance, State Government, Automotive and Point of sale** industries. Well exposed to testing methodologies, Test planning, scripting, execution, first level diagnostics, defect tracking, and automated testing tools.

* Robust experience in document, develop and execution of test scripts, test cases, and test scenarios based on Business requirements.
* Experience in using Win Runner, QTP and Load Runner Automation tools.
* Extensive experience in automation framework outlining and script coding.
* Hands on experience in DB2, ORACLE, and SQL Server databases. Strong skills in backend testing using SQL.
* Experience in writing Shell Scripts, VB Script and Java Script.
* Used Test script language to design test cases in Win Runner
* Has the motivation to take independent responsibility as well as ability to contribute and be a productive team member.
* Extensive experience in all phases of Software Development Life Cycle (SDLC).
* Excellent in writing SQL Queries using Tools like TOAD, SQL Loader and Query Builder
* Expert knowledge of Client Data Conversion, Data Migration.
* Proficient in Manual and Automated Testing Techniques.
* Had great Testing Center of Excellence (TCoE) experience and played various roles and responsibilities
* Experience in GUI testing, Functionality testing, System testing, Unit testing, Integration testing, Performance testing, Stress testing, Back-end testing and Regression testing.
* Strong in Object Oriented Programming Concepts.
* Possesses excellent skills in Bug Tracking and Reporting using Team Track & Quality Center.
* Excellent Communication and Documentation Skills.
* Good Process Management and organizing skills with remarkable ability in gathering requirements to bring out quality products.
* Involved in testing methodology analysis.

**Education**

* Master of Computer Applications, India
* Bachelor of Science in Computer Science, India

**Technical Skills**

**Languages: JAVA, J2EE,** **.NET, COBOL, SQL, PL/SQL**

**Databases: DB2, Oracle 8i/9i/10g,11g, SQL Server 2000/2005, MS Access, My SQL**

**Testing Tools: QTP, Win Runner, Load Runner, Test Director, Quality Center, ALM, UFT, Rational Clear Quest, JIRA, Selenium**

**Scripting Languages: VB Script, Java Script, TSL**

**Defect Tracking Tool: HP Quality Center, Test Director, JIRA**

**Change Management: Rational Clear Case, PVCS, MS Visual Source Safe, GIT**

**Web Tools : DHTML, XML, HTML,**

**Platforms : Windows 7/XP/2000, UNIX, Linux, Main Frames**

**Professional Experience**

***Salient Federal Solutions Inc., Fairfax, VA*** *Jan’2013 – Present*

*Test Lead*

**Pension Benefit Guarantee Corporation**

**IPVFB** *Sep’2015 – Present*

The Integrated Present Value of Future Benefits (IPVFB) system is a custom developed application which is used to determine the actuarial present value of future pension plan benefits and expenses that PBGC is, or may be, obligated to pay. This application calculates and integrates the amounts of future benefits of trusteed pension plans and plans considered of high risk of being trusteed.

# Responsibilities:

* Participated in Sprint Planning, Task Planning and Retrospective meetings and provided task estimates
* Prepared Estimation of Work documents and participated in story prioritization meetings
* Conducted peer review meetings, task prioritization meetings and produced documents
* Wrote test scenarios, test cases and prepared test sets for assigned stories
* Participated in reviewing and executing unit test cases in JUNIT and JDEVELOPER
* Prepared test data
* Created test scripts using HP UFT
* Executed test cases in ALM and logged critical defects into ALM
* Created Traceability matrices by mapping all requirements with test cases
* Prepared project health documents
* Coordinated with other project teams to make sure the project dependencies/data dependencies are addressed
* Involved in documenting and providing the Status reports.
* Wrote SQL queries and executed those in Toad
* Created BI Publisher Reports as part of agile cross functioning
* Assisted Business Analysts in preparing UAT scenarios
* Helped Product owners in UAT
* Closely worked with developers in executing unit tests and resolving defects
* Provided the testing status to management at frequent intervals to make sure assigned tasks will be Done in expected time frame

**Environment:** Windows 7, IE9, Quality Center, ALM, Toad 9, BI Publisher, Agile Craft.

**Pension Benefit Guarantee Corporation**

**Spectrum 4.0** *Jan’2013 – Aug’ 2015*

The PBGC BAPD Spectrum 4.0 provides its users with a reliable system that allows for a more streamlined business process, A solution that adheres to the EA blueprint, A flexible system that more accurately reflects the future state business processes, Reduce data irregularities that result in user “workarounds” such as reliance on manual paper processes or Excel spreadsheets, A flexible system that can adjust to the business needs, Implement single sign on and Implement a web-based application and simplify release deployment to end users.

The implementation of the Spectrum 4.0 releases will provide the efficient operational processes, procedures, and systems that have the capacity to handle variable workloads; Access to critical systems through a reliable, robust, adaptable, and secure information technology using enterprise services to meet the needs of PBGC’s internal and external customers;

Timely, accurate, and responsive customer service and self-service tools; Conform to the Enterprise Architecture Blueprint; Provide all users with access to key customer information, based on their security roles, in one location; Eliminate the needs for the split lump sum check run; PBGC customer will receive separate payments when receiving a participant benefit and a surviving annuity; Automate the current weekly off-cycle check run and Standard way of communicating errors and variances to processors.

# Responsibilities:

* Serve as the Spectrum 4.0 QA team lead and support/provide the highest possible level of product quality to customer.
* Worked closely with the QA/Development/Business Analyst teams and Project Management to plan on the Quality Assurance/Quality Control activities to ensure the on-time delivery of the good quality product.
* Created the test cases for requirements for different modules of the Spectrum 4.0 application and created RTM. Performed peer reviews. Executed the test cases in the CDE-T. The defects discovered were entered in Quality Center. Tracked the existing defects, retested & closed the defects that were fixed / resolved by development.
* Familiarize with the Spectrum 4.0 application and understand the ITSLCM, Full Pay Cycle Testing with PBGC Paying Agent, Transmission of Payments, Reconciliation, Load /Correct Payment History from PA, Variances/Errors, Monthly Check Run, Stop Payment, Spectrum Benefits Changes, backfill existing table for interface apps & the process to reconcile the requested PBGC data elements with SSC.
* Coordinated & communicated effectively with the BA/Development teams to perform QA test efforts.
* Coordinated/worked with the QA team in the smooth conduct of the routine QA efforts.
* Performed Regression testing and Functional Testing for each release.
* Reviewed the test cases written for integration and functional testing as per the test scenarios created.
* Coordinated with the Business Analysts to understand and implement the QA testing as per the business rules/requirements.

**Environment:** Windows 7, IE9, Oracle 10g, Quality Center, Toad 9.

***MDI Group Phoenix, AZ*** *Jan’2012 – Sep’ 2012*

*Automation Test Engineer*

**Apollo Group**

**Student Services Platform**

Financial Aid made up of grants, scholarships, and student loans awarded to the student by the school or third-party sources. Apollo group is a third-party source that helps students with their financial aid. Financial Aid deals with different modules and letters is one among those. Letters module enables communication between student and the Educational Institution.

**Responsibilities:**

* Involved in writing the **Test scenarios, Test cases** and **Test sets** for the business requirements in **Agile/Scrum process.**
* Participated in **System and Regression Testing**.
* Involved in preparing **Test Plan** documents and **Test data** for the business requirements.
* Actively participated in creation and Peer Reviews of Test Plans and Test Reports.
* Executed automated Test Scripts as part of regression testing process.
* Efficiently logged the defects into **JIRA** system.
* Participated in Demo meetings with the product owners.
* Wrote SQL queries and **PL/SQL** procedures using SQL Developer.
* Involved project health status meetings with various interface teams and product team.
* Worked closely with business analyst to understand the business requirements.
* Managed the Test cases and test sets in Quality Center.
* Involved in final regression testing before sending the product to owners.
* Closely worked with developers in preparing Migration Plans.

**Environment:**  Java, PL/SQL, SQL Developer, QTP, DB2, Oracle Applications, Version one, Jira, Quality Center, UNIX and NT Servers.

## **Department of Labor (DOL), Atlanta, GA** Mar’2009 – Dec’2011

## Sr. QA Analyst

GA Department of Labor has several applications running on mainframes and some of them converted to web front end from CICS screens.

**EIS (Employer Information System)**: This application is used by the DOL staff to register/maintain employers for employment services.

**Job Order System**: This application is also used by DOL staff to enter new employment opportunities with registered employers and refer claimants to those specific Job positions.

**SIDES (Separation Information Data Exchange System)**: This application is used to communicate with broker system which in turn communicates with Third Party Administrators/Employers to check on the separation information submitted by the claimant.

**Responsibilities:**

* Analyzed Business Requirements and Functional specification documents to identify the gaps and reported identified gaps to the project teams to raise change requests.
* Created Test Plans, Test Procedures and Test Cases for all mentioned **web** applications, **backend testing**, **web service** calls and **document services**.
* Conducted System Testing to test each part of the System.
* Involved in manual testing since the SIDES application replaces lot of manual process and as the manual process is fall back process when SIDES application is not available for consecutive three days.
* Involved in backend testing to check some data on Mainframe **DB2** and **VSAM** databases. Developed some **SQL queries** to achieve this task.
* Responsibilities include smoke, functional, system, integration, stress, load, Volume and User acceptance testing.
* Utilized Clear Case for Change Management.
* Performed database testing by executing SQL queries.
* Involved in documenting and providing the Status reports.
* Involved in testing application in different browsers like Internet Explorer, Fire Fox and Netscape Navigator.
* Executed test scripts using Quality Center.
* Conducted Performance testing using Load Runner.
* Participated in Walkthrough and defect report meetings periodically.
* Extensively worked on Quality Center for Defect reporting/tracking.
* Documented test results and communicated to team in Timely manner using Quality Center.

**Environment:** Quality Center 9.0, Windows XP, IBM Content Manager, Load Runner, xml, html, UNIX, MS Office, VSAM and DB2.

## **I-Gate Global Solutions** Jan’2006 – Aug' 2008

## Sr. Test Enginne

Philip Morris is a leading cigarette manufacturing company. Among their many legacy applications some are converted to use web front end and some completely converted to web applications. These applications deal with Employee automation, Field sales invoicing, Sales Analysis and whole sale dealers.

## **Responsibilities:**

* Involved in GUI, Functional and Integration Testing of Web Pages.
* Involved in creating automated scripts using **Win Runner** for Regression testing.
* Involved in modeling QA process workflow using **Test Director.**
* Used **Test Director** to document the **Test Cases** and Test Scripts.
* Performed **BLACK BOX** testing.
* Performed Batch process to parse XML data.
* Verification of data loading is done using **SQL** Queries, **PL/SQL** Procedures.
* Interacted with business analysts to obtain specific system specifications/requirements.
* Interacted with Team lead and developers while testing the application.
* Performed various types of testing such as: **Functional, Integration, System and Regression Testing.**
* Involved in developing the Functional Test Plans and Test Requirements documents.
* Demonstrated success in Project Customization and implementing Test Director at the application and network levels.
* Generated **test scenarios** based on business requirements
* Executed various **Test Cases** and updated design documents.
* Prepared Status Reports Every Week, which includes Revision History, Test case status, metrics, QA Issues and **Defects.**
* Wrote **SQL** queries for setting of Data Loads in Integration Test Box.

**Environment** : Win Runner, Load Runner, Test Director, HTML, Oracle, UNIX/Windows 2000/XP, J2EE, Junit, EJB, XML, DB2, Web Logic 8.1, SQL Server 2000.

**Cambridge Integrated Services, India** *Apr’ 2004 – Dec’ 2005*

Software Tester

Worker’s Compensation system was developed with Visual Basic as the front-end and Oracle as the back-end. Worker’s Compensation application system collects worker’s medical costs, investigating fraudulent claims, recovering in all aspects such as medical, auto, Property, Liability, etc.

**Responsibilities:**

* Analyzed business requirements and functional specifications documents.
* Analyzed the Business Requirements Document (BRD) and modeled the existing work-flow for system test based on the V- Model of testing.
* Involved in modeling QA process workflow using **Test Director.**
* Prepared and Executed **TSL** scripts in Win Runner
* Involved in creating test conditions for system testing.
* Worked closely with the business analysts and developers to identify the processes that can be automated.
* Conditioning data available from the repository as per the front end of the application under test.
* Involved in developing and executing automated test scripts using **Win Runner** for Regression testing.
* Created scripts for Batch test and set the required options for overnight, unattended execution of test scripts.
* Involved in data validation in Database using **SQL** queries.
* Identified bugs were logged in Rational **Clear Quest** and tracked until fixed and closed
* Memorandums for request (MFR) were tracked using **Test Director** and analyzed the variation between the expected and actual results.
* Used SQL queries to extract data from the target tables to prove the data mapping.

**Environment:** Win Runner, Load Runner, Test Director, Clear Quest, HTML, Visual Basic, Oracle, Netscape, UNIX/Windows 2000/XP, J2EE, JMeter, EJB, XML, SQL Server 2000.