**Priyanka Kolli**

Email: [vpkolli@yahoo.com](mailto:vpkolli@yahoo.com) Mobile: (615) 509-6094

**Professional Summary:**

* Over 6+ years of diverse experience in Quality Assurance Tester with Windows and Web-based applications in Automation testing using **HP/ Mercury Interactive Test Suite**.
* Good understanding of Quality assurance testing methodology relative to **Software Development Life Cycle** (SDLC) in the areas of business analysis, development, testing, deployment and documentation and worked on different SDLC models.
* Extensive experience in **Quality Assurance Life Cycle** (QALC) aspects such as developing Test Strategies, Test Plans, Test Cases (Manual/Automated), Defect Reports and developing Test Scripts, Requirement Traceability Matrices and Test Environments.
* Expertise in developing, publishing and execute Test plans, Test procedures and Test Results.
* Skilled in understanding the business processes, analyzing and optimizing the processes, defining scope of the project and User Requirements and converting User Requirements into Business Requirements and Technical Specification.
* Hands on experience in writing SQL and PL/SQL for database testing and experience in Defect management, including Defect creation, modification, tracking, reporting using industry standard tools like **Quality Center**.
* Used **QTP** to verify the application during regression testing.
* Experience in working with automated testing tools like Quick Test Professional**, Quality Center and HP LoadRunner** and experience in writing automated test scripts in Win Runner and Load Runner.
* Extensive knowledge on Performance life cycle and involved in the execution of complete performance test life cycle and worked on different versions of load runner(8 - 11) and have working experience on the current version(11.0).
* Having good exposure to the test strategy for meeting the goals for the performance testing.
* Well versed with performance testing project activities including requirements gathering, planning, designing scripts and creating test data and executing load tests
* Performing the **performance testing life cycle** i.e. Scripting, Design of Scenarios, execution, Performance Monitoring and Performance Analysis.
* Develop performance test scripts to simulate user actions, performance test runs, analyze the test execution.
* Excellent communication, coordination and interpersonal skills and worked as self-starter and performed well under little or no supervision.

**Expertise in technical tools**

|  |  |
| --- | --- |
| QA/ Testing Tools | LoadRunner 9.0/9.5/11.52, Performance center 9.5/11.0, QTP 9.0, Jmeter |
| Languages | C, Java, J2EE, SQL, PL/SQL |
| Protocols | Web Http/html, Oracle NCA, RTE, Web services |
| Scripting | VB Script, HTML, DHTML, XML, Javascript |
| Databases | Oracle10g/9i/8i, DB2, Sybase, MS SQL Server 2008/2005, MS Access 2000 |
| Monitoring Tools | CA Wily Introscope 9.2, HP Sitescope, Perfmon |
| Operating Systems | Windows 98/2000/XP, UNIX, MS-DOS and Linux |
| Defect Management Tools | HP Quality Center 11.0 |

**Professional EXPERIENCE**

**CVS Caremark, Richardson, Texas Mar ‘13- Present**

**Project: FAZAL/ HBS\_SPARCS**

**Role: Performance Tester**

**Responsibilities:**

* Interacted with developers and users to analyze the user requirements, Technical Specifications
* Analyzed Business Requirements, Use Cases, Screen shots and developed Test Plan, and Test cases for complete end-to-end testing.
* Coordinated with developers to understand the application
* Configured LR components (VuGen, Analysis)
* Generated performance scripts using Virtual User Generator
* Manually performed back-end testing by executing SQL queries to validate the data in the back-end SQL database.
* Used **QTP** for regression testing
* Created and executed **Performance Tests** and resolved issues.
* Developed Test Scripts for providers and prepared data for execution of test cases.
* Created SQL scripts to change data and validate service response.
* Used SSIS package to generate synthetic data and executed store procedures in the database
* Triggered batch job in parallel to load test to validate the performance of the system.
* Data validation from end to end
* Monitored online graphs like **Transactions per Second (TPS)**, **Throughput**, and **Response time** at Client side and analyzed after the completion of test.
* Performed Baseline testing, Integration testing, Smoke, Scalability testing, and Re-testing once issues are closed.
* Performed Sanity testing before signoff.
* Used test summary report to track defects and report the test summary in weekly meetings.
* Hold weekly meeting with business people and developers on open defects.

**Environment: HP Performance Center 9.5, HP LoadRunner 9.51/11.50, Performance Monitor, .NET, HTTP/HTML,** HTML, MS Office, Windows XP, **Microsoft SQL Server 2008 R2, SQL Server Business Intelligence Development Studio, Oracle NCA, QTP.**

**Project: Rx Claim AETNA system and Welcome season testing**

**Role: Sr. QA Analyst**

**Responsibilities:**

* Analyzing and reviewing Business requirement documents/ Functional requirements and Use case documents.
* Used HP Quality Center to gather requirements, create test plans for both positive and negative scenarios and generate test scripts.
* Wrote test cases and test scripts for the functionality testing.
* Prepare test plans, test cases, test scripts and results documentation
* Work with Business Analysts, Developers and Customers during the System Development Lifecycle
* Responsible for execution of test cases.
* Developed data for individual test cases to satisfy positive and negative testing.
* Participated in Triage meetings with entire product team to analyze each defect and assign the severity of the defects.
* Used agile methodology and conducted tests like functionality testing, performance testing, integration, regression, volume testing and defect tracking and testing.
* Resolved technical issues when interacted with developers and evaluated developer's unit test reports.
* Implemented QA methodology and worked closely in planning coordination.
* Work closely with software developers and take an active role in ensuring that the software components meet the highest quality standards.
* Conducted meetings with developers and Business analysts to do the GAP analysis.
* Responsible for testing web application used by users and providers for Claims Maintenance.
* Created End–to–End Test Scenarios and Test data to validate the reports in Application point of view.
* Used Quality center for record the defects during testing and track the status and resolution of change requests to verify software quality.
* Provided fixes for critical and high severity bugs during testing.
* Preparing Traceability matrix to ensure the test coverage.
* Uploaded analyzed results to SharePoint for client’s review and used as project documentation repository.
* Maintained defect reports and responsible for reviews and documentation for reporting the status to the project manager.
* Provided recommendations to the application owner on steps to meet performance goals.

**Environment:** HP Quality Center 11.0, HTML/HTTP Protocol, SQL, MS Office,Java script, AS400, Windows XP.

**Sempra Energy, Los Angeles, CA Jul ’12- Dec’ 12**

**Sr. QA Analyst**

Southern California Gas Company (SoCalGas) has been delivering clean, safe and reliable natural gas to its customers for more than 140 years. It is the nation’s largest natural gas distribution utility, providing safe and reliable energy to 20.9 million consumers through 5.8 million meters in more than 500 communities. The company’s service territory encompasses approximately 20,000 square miles in diverse terrain throughout Central and Southern California, from Visalia to the Mexican border. SoCalGas is a regulated subsidiary of Sempra Energy. Sempra Energy, based in San Diego, is a Fortune 500 energy services holding company.

**Roles and Responsibilities:**

* Involved in reviewing Business Requirement Documents, Technical Specification.
* Analyzed the system requirements and wrote test cases, test scripts for testing the application.
* Performed Regression testing using **automation tools** on the application for every build.
* Identified and reported the severity of the defects to developers.
* Analyzed load and stress test results of the application for maximum performance using **LoadRunner 9.5.**
* Created scripts for the application using **HP LoadRunner 9.5.**
* Involved in creating **performance Test plans** and scripting checklist.
* Worked on **Virtual User Generator, Controller and Load Generator extensively.**
* Parameterized the scripts and enhanced them according to test cases.
* Used performance monitor and **LoadRunner** graphs to analyze the results.
* Used Controller to perform Load Tests and Stress Tests.
* Uploaded Scripts, Created Timeslots, Created Scenarios and Ran Various Tests (Baseline, Peak Hour, Stress, Duration, Shakeout and Load) in Performance Center 9.5.
* **Average Response time, TPS, Throughput** was analyzed for each scenario.
* Generate, analyze, and publish LoadRunner test results and document the testing process.
* Interacted with developers to resolve performance issues.
* Communicated regularly with developers as well as Business analysts to resolve any open issues.
* Prepared Test Data for the application as per the specifications of the Requirements Document.
* Involved in regression testing with **QTP.**
* Used **HP Quality Center 11.0** to store test documentation and record/track all issues and defects.
* Developed and analyzed Test Scripts, Requirement Traceability Matrices.
* Worked individually and in team environment, to achieve project quality goals.
* Worked with various teams to fix problems and duplicate issues.
* Analyzed the CPU, memory matrix using CA Wily Introscope Work Station 9.0.

**Environment: HP LoadRunner 9.5, HP Performance Center 9.5, CA Wily Introscope 9.0, QTP 9.0, Quality Center 11.0, HTTP/HTML, Web Services,** HTML, XML, Javascript, MS Office, Windows XP.

**Volvo, Raleigh, NC Feb ’11-Jun ’12**

**Sr. Performance Test Engineer**

Volvo is a Swedish builder of commercial vehicles, including trucks, buses and construction equipment. Volvo also supplies marine and industrial drive systems, aerospace components and financial services.

**Roles and Responsibilities:**

* Involved in reviewing Business Requirements and Technical Specification.
* Analyzed the system requirements and wrote test cases, test scripts for testing the application.
* Performed manual testing on the application prior to performance testing.
* Involved in regression tests on every build and identified the severity of the bugs and reported them to developers.
* Involved in regression testing using **QTP**.
* Analyzed load and stress test results for maximum performance using **HP LoadRunner 9.5.**
* Worked with **Controller** and **Load generator** extensively.
* Created **Test plan**s for **Load testing** and scripting checklists.
* **Parameterized** the scripts and enhanced them according to the test cases.
* Used performance monitors and **LoadRunner** graphs to analyze the results and check bottleneck issues in the application.
* Used **controller** to perform **Load tests** and **Stress tests**.
* Uploaded scripts, Created time sheets, Created Scenarios and Ran Load Tests in **Performance Center**.
* Average **Response time**, **TPS**, **Throughput**, **Web Page Breakdown** graphs were analyzed for each scenario.
* Generate, analyze and publish **LoadRunner** results and document the testing process.
* Interacted with developers to solve **Performance issues.**
* Communicated with Developers and Business analysts regularly to resolve any open issues.
* Prepared Test Date for the application as per the specifications of the Requirements Document.
* Used **HP Quality Center 11.0** to house the documentation and track/report all the defects and issues.
* Developed and analyzed Test Scripts, Requirement Traceability Matrices.
* Worked individually, as well as in team environment, to achieve project quality goals.
* Worked in various teams to **fix problems** and duplicate issues.

**Environment: LoadRunner 9.5, Quality Center 11.0, QTP 9.0,** Oracle 10g, VB Script, HP ALM, HTML, XML, MS Office, Windows XP.

**Take Care Health Systems, Franklin, TN May ’10 - Jan ’11**

**Sr. Performance Test Engineer**

Take Care Health Systems, a subsidiary of Walgreens, is a network of health and wellness companies committed to providing affordable, high-quality healthcare for families and employees. Take Care Consumer Solutions manages more than 350 Take Care Clinics at select Walgreens throughout the country. Patient care at Take Care Clinics is provided by Take Care Health Services, an independently owned state professional corporation. Take Care Employer Solutions provides worksite-based health and wellness services.

**Roles and Responsibilities:**

* Preparing the checklist document and gathering Requirements.
* Configured and installed **VuGen**, Analysis engine and LR Agent.
* Resolved technical issues when interacted with developers and evaluated developer's unit test reports.
* Implemented QA methodology and worked closely in planning coordination.
* Gathered requirements for generating performance goals and test plans and prepared the test plan independently.
* Performed Database testing of SQL and Oracle database running on Windows XP platform.
* Work closely with software developers and take an active role in ensuring that the software components meet the highest quality standards.
* Identified and analyzed different business scenarios and Load Distributions.
* According to test requirements developed **LoadRunner** test scripts independently.
* Extracted data for Load tests by performing SQL queries.
* Conducted various tests like Duration test, Stress test, Base Line test.
* Prepared the scripts in **VuGen** based on business scenarios.
* Enhanced the scripts by applying different techniques like **Correlation**, **Parameterization** & Run-time settings.
* Using **Quality Center** saved the Scripts, Scenarios and Results and prepared Load modeling sheet for running the Scenarios.
* Launched the **Controller** with specified number of **Vusers** (300 concurrent users).
* Setting up the schedule, scenario configuration and running the scenario and identification of Bottlenecks.
* Monitored online graphs like **Transactions per Second (TPS)**, **Throughput**, and **Response time** at Client side and analyzed after the completion of test.
* Delivered **Load Runner** test sets as defined by the scope of work and documented the process.
* Responsible for Reviews and documentation for reporting the status to the project manager.
* Provided recommendations to the application owner on steps to meet performance goals.

**Environment:** **LoadRunner 11.0**, **Quality Center9.2**, Oracle 10g, HTML/HTTP Protocol, Wily Introscope8.2, XML, SQL, PL/SQL, MS Office, **Performance Center11.0.**

**Premier Healthcare, Charlotte, NC Aug ’09 - May‘10**

**Sr. QA Tester**

Premier is a non-profit organization. Premier collects data from participating hospitals and houses the nation’s largest detailed clinical and financial database, holding information on more than 130 million patient discharges. Web-based tools allow hospitals to compare their performance in specific areas to peers and best performers, find opportunities for improvement, and track the results of their efforts. This data warehouse is used by the Food and Drug Administration (FDA) for drug surveillance and by the Centers for Medicare & Medicaid Services to evaluate next-generation payment models. This application is implemented using Service Oriented Architecture (SOA). Facets tool is used for claims processing and followed HIPAA regulations.

**Roles and Responsibilities:**

* Interacted with developers and users to analyze the user requirements and functional specifications.
* Analyzed Business Requirements, Use Cases, Screen shots and developed Test Plan, and Test cases for complete end-to-end testing.
* Developed and executed manual test scripts using test plan and test lab sections of **Quality Center** for System testing, Integration testing and **Regression testing** of the application.
* Manually performed back-end testing by executing SQL queries to validate the data in the back-end Oracle database.
* Used **Quality Center 9.2** for test plan execution and defect tracking.
* Used **Quality Center 9.2** for record the defects during testing and track the status and resolution of change requests to verify software quality.
* Responsible for testing web application used by state and providers for Claims Maintenance.
* Create and execute **Performance Tests** and resolved issues.
* Developed Test Scripts for providers and prepared data for execution of test cases.
* Created SQL scripts to change data and validate service response.
* Data validation from end to end.
* Performed Integration testing, Smoke, Retesting, and Regression testing once issues are closed.
* Performed Sanity testing before signoff.
* Analyzing test results and logging defects in **Quality Center 9.2**.
* Developed and analyzed Test Scripts, **Requirement Traceability Matrices**.
* Used test summary report to track defects and report the test summary in weekly meetings.
* Hold weekly meeting with business people and developers on open defects.

**Environment:** **HP LoadRunner 9.5**, **Quality Center 9.2**, QTP, Manual testing, Oracle 9i, SQL, PL/SQL, Web services, XML, HIPAA, UNIX and Windows XP

**Apollo Health Street Ltd., Hyderabad, India July ‘08- Aug ‘09**

**Test Automation and Performance Engineer**

Clinical Health care system is mainly developed with a KIOSK feature which includes Patient Intake Sessions and Patient Display Preferences and intake session like walk –In New Patient, Walk –In Established Patients, Appointment- New patient, Appointment-Walk in Patient, patient Portal Login, Patient portal Appointment Schedule and this health care system consists of other Modules like Practice Management statements, PM Reporting, End Of Day. These all modules manage how treatment is given to a patient when he comes to a particular hospital till he discharges.

**Roles and Responsibilities:**

* Reviewed Business, Systems, Design and Technical specification and identified gaps and ambiguous points, coordinated with respective team to fix the gaps.
* Defined testing activities for three major releases with concurrent monthly maintenance releases.
* Created Test data requirements.
* Created test plan, test cases, test scripts and test steps for every release and stored in Quality Center 9.2.
* Created **Requirements Traceability Matrix (RTM)** for test coverage analysis and test completeness
* Reviewed Use cases and Flow charts to analyze and test critical areas of application, organized several brains storming session with Business Analyst and Clients the process
* Utilized **Virtual User Generator** to generate the scripts and executed the test with specified number of Vusers.
* Worked closely with software developers and take an active role in ensuring that the software components meet the highest quality standards.
* Ability to develop **LoadRunner** test scripts independently based on test specifications/requirements.
* Used script enhancement techniques like **Correlation, Parameterization & Run-time settings**.
* Involved in creating and debugging the scenario in **Controller.**
* Setting up the schedule, scenario configuration and running the scenario and identified Root cause and bottlenecks.
* Used to identify the queries which taking too long and optimize those queries to improve performance.
* Created **XML test files** based on **XML schema.**
* Tested the **SOA applications (Web Services, SOAP, WSDL)**
* Tested and Validated **SOAP Request and SOAP Response** messages.
* Automated the web services using **SOAP UI.**
* Involved in **Root Cause Analysis** for the problems in proposed architecture and monitored the **Resources metrics** to find the **performance bottlenecks**.
* Duration Test was conducted to find the System Stability and memory leaks.
* Developed Automation Test Plans and Test Cases for **Regression Testing**.
* Performs in-depth analysis to isolate points of failure in the application.
* Assist in production of testing and capacity certification reports.

**Environment:** **Load Runner 8**, **Quality Center**, **Performance center**, HTML/HTTP Protocol, HTML, DHTML, XML/ SOAP, MS VISIO, DB2, MS Office, UNIX, SOAP UI.

**Novartis Pharmaceuticals, India Jul ’07-Jun’08**

**QA Tester**

**Roles and Responsibilities**

* Performed **manual testing** for the entire application.
* Used the **Test Director** as **bug-tracking tool** to centralize the bugs and also to follow up the bug status.
* Wrote T-SQL queries to verify the database tables for the data inserted from the GUI.
* Involved in developing detailed test plan, test cases and test scripts using **Test Director** for functional, security and **regression testing**.
* Co-ordinate with developers to fix the problems in the application.
* Responsible for **filing bugs** and scheduling running of automation scripts in Test Director.
* Involved in creating users, test plans and test cases in **Test Director**.
* Interacted with the UAT team to solve issues related to the defects.

**Environment:** **Manual testing**, **Test Director 7.0**, VB6.0, SQL Server 2000, Windows 2000, LINUX.

**Education:**

B.Tech, ECE, JNTU, Hyderabad, India in April 2007