Keerthi

Test Automation EngineerPhone:

**PROFESSIONAL SUMMARY:**

* **Over 8 years** of experience in **QA Testing in Client/Server** and **Web based applications** with **Manual Testing, Selenium** and **Quick Test Professional (QTP).**
* Thorough understanding of **Software Development Life Cycle** and testing process.
* Experience in Test Plan Development, Unit, Baseline, Functional, Integration, Regression and UAT Testing in **Agile Environment**
* Proficient in execution and maintenance of Test plans, Test cases, Test scenarios.
* Solid analytical and dynamic troubleshooting skills.
* Performed **Functional, GUI, Regression, End-to-End, and Integration testing**.
* Experience in writing and maintaining software verification, validation and test procedure documents.
* Excellent skills in analysing the requirements, design documents, and functional specifications.
* Extensive working experience in **System Testing, Functionality Testing, Regression Testing, Integration Testing, UAT, Database Testing, Performance Testing, Stress Testing, Load Testing, Black Box Testing and White Box Testing.**
* Prepared Test Cases, **Vugen scripts**, Load Test, Test Data, execute test, validate results, manage defects and report results
* **Excellent skills in automation frame work implementation and Business process testing (BPT)**
* Hands on Experience on **JIRA** to capture browser extension and create issues without leaving web app & used [JIRA Capture](http://atlassian.com/software/bonfire/) with exploratory testing for web applications.
* Knowledge of Capability of Maturity Model Integration (CMMI).
* Enterprise Tester and HP Quality Centre are a few of many testing tools that I integrated with JIRA.
* Ability to work with **Business Analysts, Developers** and other **Team** Members in complex testing projects and in the overall enhancement of software product quality.
* Hands on experience in testing the Software for **compatibility, Black Box, Functional, Integration, System, User acceptance, Performance, Stress, Load, Regression, Manual, Automation Testing of Client/Server and Web based Applications**.
* Experience working on applications built in Service Oriented Architecture(SOA) Environments
* Proficient in using testing tools such as **QTP, Team Foundation Server, Load Runner and Quality Centre/Test Director**.
* Experience working on Accessibility products **JAWS and NVDA** to meet the 508 regulations.
* Ability to work well under pressure in a fast-paced environment and possess strength to thrive under deadlines in achieving the goals, Strong Customer Orientations.
* Expertise in defect management involving defect identification, tracking and follow-ups with the clients and development teams on the defects.
* One year of experience in area of development on PL/SQL, Oracle and PRO \*C.
* Managed project activities related to billing and timesheets.
* Complete knowledge and expertise in writing and executing SQL queries
* Experience in Data Driven and keyword framework.
* Coordinated and set up meetings with development teams, Business Analysts and users of the application to track and follow up on the defects raised in SIT and UAT.

**TECHNICAL SKILLS:**

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| --- | --- |
| Testing Development Tools and IDE | QTP, QC, Team Foundation Server, Selenium Web driver, Selenium Remote Control and Load Runner, Win Runner, Clear Quest, JIRA, Bugzilla, Test NG |
| Test Management tools | HP Quality Center, SQL\*Loader, Git, HTML, CSS, JavaScript, SOAPUI, JSON, RESTful. |
| Database | PLSQL, Oracle and SQL Server |
| Operating Systems | Windows and UNIX |
| Browsers | Firefox, Google Chrome, Safari, Internet Explorer |
| Web Technologies | Windows, UNIX, Linux, Solaris, Mac OSX |

**Project#1 Feb2016 - Current**

**Client: PayPal,San Jose, CA**

**Environment: Agile Methodology, Eclipse, Java, J2EE, Selenium, UNIX, Quality Center and SQL Server.**

**Role: Automation Test Engineer**

GAN is a front-end Authorization system that does the basic format conversions, validations and basic Authorization of the credit card transactions. As part of Electronic Data Capture projects, GAN does the settlement process online for the merchant. The project also involves developing GANUI screens to be accessed by customer service teams to monitor transactions from merchants and resolve any settlement related issues.

**Responsibilities**:

* Analysing, designing of **manual and automated testing** to ensure software quality of web application
* Well versed in working with open source tools such as Selenium **(Selenium IDE, WebDriver)**
* Experienced in performing **White box testing (API Testing),** Black box testing
* Developed Test plan, Test Strategy, Test scenarios, Test cases, and Test Scripts based on User requirements and System Requirement Documents on Functional, Security, Performance, Configuration, Regression, Integration, Usability and Cross-Browser Compatibility Testing.
* Executed Manual as well as Automated Test Cases in HP ALM.
* Comprehending code written in different programming languages such as Java, C & C++
* Database querying using **MySQL, SQL.**
* Developed the Automation Test Scripts in Selenium WebDriver using Java based on the design pattern Page Object Model for reusability.
* Customizing Microsoft’s Team Foundation Server according to the company’s requirements.
* Customizing and generating multiple TFS reports to serve company needs.
* Creating functional test case design for manual Testing using BPT
* Working with Microsoft Office products including Word, Excel, and PowerPoint & Access.
* Writing scripts using applications such as **Microsoft Visual Studio, Eclipse, Spring, and Android Studio.**
* Resource for HP Quality Center (Creating requirements and test cases templates for upload to quality center
* Competent in the field of web designing with **HTML, CSS, jQuery, AJAX**
* Quality assurance for development platforms that utilize browser based thin clients, JSP, Java, application servers, web services **SOAPUI, JSON, XML.**
* Performed **Backend testing** on **DB2 database**
* Experienced in **Agile** programming techniques, such as **test-driven development**, **continuous integration and testing** and story-based iterative development.

**Project #2 Dec 2014 - Feb 2016**

**Client: Anthem, Norfolk, VA**

**Environment: Agile Methodology, Eclipse, Java, Selenium IDE, Selenium Web Driver, Quality Center, SQL Server.**

**Role: Selenium Test Engineer**

TCDT is test case design tool which provides support to Business Analysts to create test cases for shipments and handling the packages. The project is developed to enable business analysts to create test cases (records), load/import data, and create reports and to run the batch process. NexGen application is used to validate the test cases and has regular data loads and data transformation from oracle to SQL. It also enables the users to validate and correct shipment errors. The application is single maintained application with a team lead.

**Responsibilities**:

* Used **Selenium Automation Hybrid Framework** for project including Page Object Model Framework for various modules, Data Driven Framework for connecting with MySQL database and Excel Files, Modular Driven Framework for common functions, Log4j Logging and TestNG Reporting.
* Participated in requirement review sessions to gain the understanding of functionality and requirements of the passenger manifest database, **sabre knowledge.**
* Participated in review of Test Plan and assisted QA lead in updating the test plan.
* Identified UAT and **regression test scripts** for each of the assigned modules.
* Developed and executed Test cases, Tracked the status of project using HP Quality Center Test management tool.
* Involved in automation of data validation and database integration of MySQL database with Selenium.
* Implemented **cross browser testing** using **selenium API** for Firefox, chrome and IE.
* Designed and implemented Hybrid test automation using **Selenium WebDriverTestNG**.
* Performed Functional, System Integration, and regression testing, participated in performance testing in **Agile Environment.**
* Worked on Common Use platforms **SITA, ARINC, AIRIT, and ULTRA.**
* Reported defects in Test Director and re-tested any fixed issues.
* Created BPT component scripts using Quick Test Pro.
* Mapped the test scripts to the functional requirements in **Quality Centre.**
* Identified Test Data by querying and created **Test scripts for SIT, Regression and UAT.**
* Conducted the Functional, System, Integration, Regression, performance and UAT Tests for various phases of this application.
* Execution of Manual Test scripts and responsible to track and log the defects using **QC.**
* Responsible for data analysis, report validation and functional testing.
* Worked on Accessibility products **JAWS & NVDA** with development team to make sure the new web application was accessible to screen readers and most importantly the keyboard to meet the 508 regulations.
* Prepared detailed summary reports of all the defects with pass/ fail based on the priority of defects.

**Project #3 Nov 2012 - Nov 2014**

**Client: Hilton Worldwide Brands, Memphis, TN**

**Environment: Agile Methodology, EPIC suite, IBM MQ Series, Mainframes, XML, Visual**

**Cactus and Quality Center 9.2**

**Role: Senior QA Analyst**

OnQ Property Management system is the room reservation system used by Hotel users at each property. My contract was mainly to support this application and help testing. It consists of several modules like Guest reservations, House Accounts, Group Master, etc. Involved in writing custom management application which allows hotel users to setup their environment.

**Responsibilities**:

* Created the Requirement Traceability Matrix and the test procedure for various projects.
* Worked on all phases of System Development Life Cycle (SDLC) as quality assurance personnel for projects developed in Java, J2EE and Oracle 8i as backend.
* Prepared test plan for some modules based on the GSI’s standard template, using System Requirement Specification (SRS) document with inputs from Subject Matter Experts.
* Created and modified the test scripts with the help of requirements and use cases provided by Business personnel.
* Interacted with Developers for status of the bugs and re-tested the fixed Bugs.
* Performed interface testing for the application with all touch points with host and other Client/Server Applications.
* Identified and worked on regression test efforts needed for the projects.
* Created documentation of various modules by extracting the documents from Quality Center.
* Executed automated tests for some phases of projects using QTP.
* Performed database testing by writing SQL Queries and UNIX Commands.
* Tested the compatibility of modules in different environments.
* Worked on a team owning the testing of the GSI application software and affiliated Web retail sites.
* Worked across organizations to initiate and implement software development and testing processes to ensure high quality applications.
* Worked towards accomplishing on time delivery of all the projects, complying with adopted IT standards.

**Project #4 Dec 2010 - Oct 2012**

**Client: TCS, Hyderabad, India**

**Title: Trade Information Management System (TRIMS)**

**Environment: QTP, PLSQL, UNIX, Pro\*c, Oracle, Quality center**

**Role: Software Engineer/Test Engineer**

‘TRIMS’ is a customized product exclusively designed to handle trade transactions. The system supports LC, Bills of Exchange, collections and advances. TRIMS is a three-tier client server architecture system with the back-end application servers written in Pro\*C on AIX-UNIX platform. The front-end client is written in Titan. The database is maintained on Oracle 9.i. In addition to these, TRIMS make use of third party software such as FileNet, DAZEL and PVCS for version control.

**Responsibilities:**

* As a test engineer I was primarily responsible for developing the automation test scripts using **quick test professional (QTP)** and verifying manually**.**
* Followed **Waterfall Methodology** for application implementation and testing.
* Involved in **Deploying** the Binaries provided by the back-end development team.
* Excelled in loading of **DML, DDL** (SQL Files) in environment.
* Played an important role in Upgradingfrom **HP** to **AIXenvironment**.
* Used the **Data driven methodology** to test multiple cases.
* **Quality center** is used prepare the test cases and managing the defects as per the client’s requirements.
* Excelled at **designing automation** test scripts and managing testing activities using quality center.
* Performed business testing by developing **SQLqueries** to retrieve the data using SQL developer tool from Oracle database.
* Modified and executed both automation and manual test scripts for different modules.
* Involved in coordination between the development, requirement and Business teams to ensure the problems are solved with in the time lines.
* Created the **summary report** to know the details of the test cases executed or failed to execute, passed or failed.
* Conducted test **review meetings** and suggested improvements in the test plan, test strategy and test cases.

**Project #5 Aug 2009 – Nov 2010**

**Client: Gem SoftTech Solutions - Hyderabad, India**

**Title: Trade Document Generation Services (TDGS).**

**Environment: Compute Grid, Drools, WAS, Oracle database, QTP, Quality center.**

**Role: Test Engineer**

Superior is a Rule-based printing application. The network user can send the print request to superior application for printing the document. The superior application will identify suitable print device which will satisfy all parameter configuration specified by the administrator and sends the job to it. Superior Server will send notification to the client.

**Responsibilities:**

* Analyzed the business requirements, System requirements and prepared all the possible detailed test cases as per the requirements
* Used **Waterfall methodology** for analyzing, developing, Unit Testing, System Testing (SIT), User Acceptance testing (UAT) and production.
* Performed UNIT testing and System testing in different environments using **Quick Test Professional (QTP).**
* Provided **functionaltraining** and walk through of the application for a small team of 2-3 testers.
* As a test engineer performed Functional testing, Regression testing, System testing with both positive and negative Test Cases.
* Used **Quality Center** for writing test cases, entering the defects and management of all the test cases and defects.
* Actively coordinated with the development team and front-end team to ensure the successful deployment of project.
* Executed the **Regressive test** cases and reported the status of the test cases using Quality center.
* Involved in writing procedures and Packages of **PL/SQL** in SQL developer.
* Conducted the meetings daily to report the percentage of test cases completes on daily basis and attended weekly status meetings with Business team, Development team to track the status of test cases.