**NARAYANI**

**SUMMARY:**

* Over 7 years of experience in various types of testing, **Selenium testing**, **functional, security, performance, automated and acceptance.**
* Have an experience in wide variety of domains which includes **IT industry, health care insurance, and Ecommerce.**
* Diversified experience as **Quality Analyst** and **Engineer** with testing of stand-alone, client server, web-based Database, Enterprise, Mobile applications.
* Excellent understanding of **Software Quality Assurance Techniques** and strong knowledge of **Software Development Life Cycle (SDLC)** and **Software Testing Life Cycle (STLC).**
* Extensive experience in implementing **QA Methodologies, Test Plans, Test Cases, Test Scenarios and test deliverables** for various applications.
* Expertise in **functional testing, integration testing, regression testing, black box testing, white box testing, unit testing, GUI testing, system, Regression, integration, API Testing, and UAT testing browser compatibility testing**.
* Proficient in different forms of testing like **manual testing, unit testing, integration testing, regression testing and non-functional testing.**
* Executed the test plans on web and mobile (Apple & Android) as per requirements using**Appium tool.**
* Skilled in developing and executing test cases manually and developed automation script with **Selenium IDE, Grid, Selenium RC, Selenium Web driver, Jenkins.**
* Expertise in Set up of **Selenium RC** using Eclipse IDE as well as through command line.
* Solid experience in implementing automation test scripts, record scripts using **QTP and UFT.**
* Experienced in working with unit testing frame works like **Junit** and **TestNG** frameworks.
* Good experience in development of iterative and detailed project management plans and schedules using **Agile-SCRUM** methodology.
* Expertise in writing and executing **Test Scripts** to implement **Test Cases, Test Scenarios,** and features for **TDD (Test Driven Development), BDD (Behavior Driven Development)**.
* Expertise with **Core Java** and **Object Oriented Concepts (Inheritance, Polymorphism, Exception Handling, Multi-Threading and Collections).**
* Testing the security of the hosting infrastructure and testing of web application.
* Implementation of parallel execution in the automation framework to do browser compatibility testing, using **IE, Chrome** and **Mozilla**.
* Experienced in working with different software methodologies like **Agile, scrum, test driven development and water fall methodologies.**
* Managing the testing team by delegating tasks and tracking the same.
* Experience in End-to-End testing.

**TECHNICAL SKILLS:**

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| --- | --- |
| Testing Tools | **Selenium IDE, WebDriver, Grid, JIRA, BugZilla, TestNG, Junit,SoapUI, Cucumber** |
| Web Debugging Tools | **FireBug, FirePath, FireFinder, WebDriver Element Locator** |
| Languages/Technologies | **SQL, JAVA, C++, C, Java Script, VBScript, HTML, XML** |
| Databases | **SQL Server, Oracle, MS Access** |
| Operating Systems | **Windows, LINUX, UNIX, VMware, Mac** |
| Browsers | **Firefox, Google Chrome, Internet Explorer, Safari** |
| Build Tools/IDE | **Ant, Maven, VMware Workstation, Notepad++, Eclipse** |

**PROFESSIONAL EXPERIENCE:**

**Client: Cerner Corporation, Kansas, MO Mar 2014 –Tilldate**

**Role: Selenium Tester**

**Responsibilities:**

* Gathered specifications and requirements to develop Test Plans and to create Test Cases using **Quality Centre**.
* Actively participated in **agile** testing and completed tasks on time for each sprint to meet the deadlines.
* Extensively used **Selenium Web Driver** for automating UI for IPhone, android devices, to enroll users to devices and submitted in Perforce location.
* Wrote automated **client-side GUI** testing code using **Selenium RC/Web Driver**.
* Used **Selenium-Web Driver** with **TestNG** to make direct calls to the browser using each browser's native support to automate the AUT from within the browser.
* Used **Firebug Tool** to identify the **Object's id, Name, XPath, link** in the application.
* Involved in executing all **Selenium test scripts** on the different browsers and checked for compatibility.
* Regression test cases were automated using **Selenium - Web Driver in Java.**
* Worked on **Cucumber** Testing applications and Responsible for preparing weekly status reports and validated the **back-end data using SQL queries** for data integrity.
* Used **Jenkins** continuous integration server to run automated test suites.
* Developed the Positive and Negative Test Cases for various modules based on the business requirements.
* Used **SOAP UI for testing Web Services, inspection of WSDL files, generation of SOA envelopes**, and acceleration of many other common XML tasks encountered during development of Web-Service enabled applications.
* Prepared detailed reports of Bugs and Defects, Pass/Fail reports and comparison analysis, and interacted with the development teams, application and data architecture team, migration and build teams and the DBA team to report and correct defects.
* Configured, customized **Microsoft Dynamics CRM 4.0 / Great Plains, 2011, 2013** application software multiple times to meet business needs Categorized bugs based on the severity and interfaced with developers to resolve them.
* Provided **Microsoft Dynamics/ Great Plains** CRM Application, industry, domain thought.
* Execution of daily smoke tests to ensure the deployment of each environment is stable.
* Divided various functional areas of the application into various Risk Levels for effective testing of the application, also risk levelled all the Test Cases accordingly.
* Prepared status summary reports with details of executed, passed and failed test cases.

**Environment:** **Agile Methodology, Java, J2EE, Selenium, Appium,UNIX, MS Office, SQL Server, Selenium IDE, WebDriver, Grid, QC/ALM, JIRA, BugZilla, TestNG, Junit, SoapUI, Cucumber.**

**Client: PNC Bank,Ashburn, VA May 2012 - Feb 2014**

**Role: QA Automation Tester**

**Responsibilities:**

* Responsible for analyzing business, functional and IT requirement documents and prepare complete Test Plans including system test plan, integration test plan, QA project plans and resource planning and allocation.
* Prepared Test Plan, test Cases, Test scripts and TestMetricsfor the application as well as for the database verification based on the functional requirements, portal redesigned and test specs.
* Used automated scripts and performed functionality testing during the various phases of the application development using **Selenium WebDriver**.
* Used Selenium **WebDriver for** writing test scripts for **regression test coverage.**
* Performed **white box testing** using **Junit** for class, method, & web services testing.
* Created Selenese JUNIT test case for various functional modules, modified, debugged and executed using JUNIT plug in to Eclipse IDE.
* Developed **Test Framework** in **Selenium for UI Regression Test Automation** and when necessary, and potentially execute **Unit Test** automation (**Java/Junit**).
* Wrote **Ant build scripts** to automate the compilation and execution of **JUNIT test cases/suites** for Lens Measurement screen, Lens Type Screen, Aftercare screen and two eye replication screens.
* Used **ANT** to build and run the **Selenium automation framework**. Once the script got over, framework used to send the automation reports over email.
* Involved in creation of automation framework in **Selenium WebDriver** using behavior driven approach like **Cucumber**.
* Responsible for overall health of **Microsoft Dynamics** CRM projects and several elements including ongoing support, maintenance, performance, scalability, problem root cause discovery, timely resolution, responsiveness and delivery that met world class standards
* Involved in using **Jenkins** as a **Continuous Integration server** to configure with **Ant**.
* Integrated Automation scripts (Selenium WebDriver API) in **Continuous Integration tools (Jenkins) for** nightly batch run of the Script. Created Project plan on **Jenkins**, configured scheduled using **Cron** job.
* Extensively used **Page Objects design** and **page navigation** framework for readable test script and easy maintenance from developer perspectives.
* Used **Firebug** and **Firepath** to write automated test scripts using **XPATH**.
* Developed scenario based testing for the **Jmeter** scripts.
* Involved in **SOAP & REST** based web services testing using **SOAP UI PRO** web services testing tool.
* Developed script and performed **Web Services** testing using **SOAP UI** pro tool for functional and regression testing.
* Tested request and response XML's based web services interfaces using **SOAP UI.**
* Conducted **System Testing** and **User Acceptance Testing** for every client and Conducted Backend testing writing extensive **SQL queries**.
* Developed automation test cases, executed these test scripts from test lab and logged defects in **JIRA**.
* Attended Defect Review meetings with Developers, Tech Lead, Team Lead and Project Manager to discuss issues regarding the Open defects, resolved defects and all other defects associated to the Source system.
* Involved in estimation and preparation of test case scenarios and test plan documentation for validating and reporting.

**Environment: Java, Selenium Webdriver, Cucumber, Jenkins, Ant, Junit, SOAP UI, Jira, Firebug, Firepath, XPATH, XML, Jmeter, SQL, Oracle, Windows.**

**Client: Bed Bath & Beyond Inc, Union, NJ Nov 2010-Apr 2012**

**Role: QA Engineer**

**Responsibilities:**

* Analyzed the **Business Requirements Document**, put input in **Test Plan** and prepared detailed **Test Cases** for new functionality.
* Worked closely with development team in creating automated scripts for the application using **Selenium RC.**
* Effectively implemented different QA Methodologies/ Policies, Strategies and plans in all stages of SDLC.
* Prepared Test strategy and Test Plan for each Release cycle along with the UAT test plan.
* Created **Master Test Plan, critical scenarios and Test Scripts** and schedules for Testing.
* Involved in setting up configuring the testing environment with **Eclipse, Junit, Selenium RC and Selenium Java client driver**.
* Developed and implemented robust Keyword driven framework with **Selenium RC** that cut down the script development time by 50%.
* Developed test code in Java language using **Eclipse, IDE** and **Junit** framework.
* Developed Test Frameworks in **Selenium** for UI Regression Test Automation and when necessary, and potentially execute Unit Test Automation (Java /Junit).
* Developed **Requirement Traceability Matrix** (RTM) to ensure appropriate level of test coverage.
* Enter and maintain defect information in Defect Tracking System, **JIRA**.
* Created and executed database queries (SQL) to validate database data integrity.

**Environment: Java, Selenium IDE/RC/Grid, Agile, JIRA, QC, Junit, XML, Oracle 10g, Windows, LINUX.**

**Client: ICICI Lombard General Insurance, India. Apr 2009- Oct 2010**

**Role: Manual Tester**

**Responsibilities**:

* Worked on Entire Software Testing Life Cycle that includes Test Initiation, execution, reporting and closure.
* Discussed and worked with business analysts to analyze detailed functionality.
* Participated actively in Functional, Integration and System testing of the application.
* Updated status to the QA Manager as and when needed.
* Reviewed and analyzed Business Requirement Documentation (BRD) to gain understanding of the application
* Participated in meetings with BA and Developers to understand the scope of testing.
* Created Test Plans, Test Scenarios and Test Cases for assigned modules.
* Created and Executed Test Cases manually as well as verify the actual results based on expected results.
* Tracked defects and reported bugs.

**Environment: Manual Testing,Quick Test Pro, Quality Canter, Oracle, Java, JavaScript, VBScript, HTML, SSL, Windows, UNIX, SQL server, IE.**