**VIKAS KUMAR**

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**QA Test Engineer (Manual/ Automation)**

I’m a **Software QA Engineer** with **7 years of experience as an Automation test engineer**, in all phases of **Software Development Life Cycle (SDLC).** Extensive involvement in Web application testing, with hands-on experience in different technologies like **JAVA, C#, Selenium, JUnit, TestNG, Appium, Maven, Cucumber, Soap UI** in Various domains such as **E-Commerce, Healthcare, Banking, Financial Services** and **Insurance**.

**PROFESSIONAL SUMMARY:**

* **Full Software Development Life Cycle** experience, involved in requirement analysis, design, development, testing, deployment, and support in **Web-Based, client-server, Web services** testing using Manual and Automated testing procedures.
* Experienced in testing life cycle activates- gathering of testing requirements, testability analysis of requirements, test data gathering, issue resolution, test scenario creation, review of test cases per test **traceability matrix**, risk-based prioritization, test case execution, tracking of test case –execution and defect management using **Quality Center(QC),** Rational test Management tool and test progress reporting.
* Experience in automation testing using **Selenium WebDriver**/RC/IDE/Grid, Junit/TestNG, ANT, Maven, Gradle Cucumber and **Jenkins/Hudson**.
* Worked in **Agile (SCRUM) and Waterfall Model** Development environment and well versed with **SDLC** methodology.
* Created, maintained and executed manual test scripts for **functional, regression, System, unit and integration testing.**
* Encouraged implementation of **Agile** **methodologies** in new projects, coached fellow colleagues   
  on how to follow them.
* Experienced Agile Scrum and strong proponent of **Agile Methodologies.**
* Extensive experience in using Open Source Tools like **Selenium IDE, Firebug, and Eclipse.**
* Having Experiencein **Mobile Automation (Android & IOS)** using **Appium Selenium 3.4.**
* Experienced in SQA (Software Quality Assurance) including Manual and Automated testing with tools such as Selenium **Web Driver / Grid, TestNG, Maven, Jenkins/Hudson and JIRA**.
* Experienced in using **Jenkins** as a Continuous Integration server to configure with **GitHub, Bitbucket,** and **Maven**.
* Hands on experience in Developing Automation Scripts, Execution and Analyzing Test Results using **Hybrid**, **Keyword Driven Framework** and **Data Driven Framework** in Selenium.
* Strong Experience in automation using **Selenium Web Drivers with Java and C#.**
* Experience in developing automation scripts in BDD framework using **Cucumber**.
* Extensive experience in GUI, Regression, Functional, Integration, System, User Acceptance (UAT), Sanity, Performance, Stress, Reliability, Compatibility, Cross Browser, Security and Database Testing.
* Work experience with **Quality Center**, **Clearcase**, **Bugzilla**, **Jira, and Bamboo**.
* Strong Object-oriented concepts for software design and implementation.
* Hands on Experience in testing both **SOAP** and **REST** services using **SOAP UI, Postman, Rest** Assured and tested both **XML** and **JSON** formats.
* Expert in Using **Quality Center/ALM** as repository for maintaining test case, test execution results and tracking the defects.
* Extensively used Application Lifecycle Management (**ALM**), **Rally**, and **Quality Center** for reporting Defects.
* Hands on experience in Functional automation tool **QTP** and Load & Performance testing tool **LoadRunner, JMeter**.
* Experience with **Microsoft Visual Studio (VS)** and **Team Foundation Server (TFS)**.
* Experience with Testing on **ALM platform** and experience in using **SQL and XML.**
* Experience in creating **Test Plans**, writing and **executing Test Cases**, Manual Testing, and Automated Test Execution.
* Good experience in writing **SQL queries** for **back-end testing**, **UNIX commands** for verifying log files, shell scripts to **bounce/maintain QA** servers, **database refresh** for QA environments, **XML API** testing.
* Experience in performing database testing and working with SQL queries and database like Oracle, MySQL.
* Collaborate with **onsite/offshore** Team to execute projects through full lifecycle software development.
* Interest & ability to learn new technologies in short span of time, self-motivated, organized and responsible team player Experience with handling multiple tasks in multiple projects concurrently and to **prioritize** them to meet the scheduled deadlines.
* Highly motivated team player with analytical, organizational and technical skills, unique ability to adapt quickly to challenges and changing the environment.
* Excellent interpersonal skills, proven team player with an analytical bent to problem-solving and delivering under high-stress environment.

**TECHNICAL SKILLS:**

Testing Tools : Selenium Web Driver/RC/IDE/GRID, QTP/UFT, Appium, JUnit, JMeter, TestNG, Webservices (SoapUI, Rally etc), Cucumber

Test Management : HP Quality Center 10.0, HP UFT, ALM, JIRA, Rally, Groovy

Testing : Integration, Functional, Regression, Performance Testing, Manual, Black Box and White

Box Testing

Scripting : VBScript, JavaScript, Perl, Ruby, Shell Scripts and TSL

SOA Technologies : SOAP, REST, WSDL, Web Services and SOAP UI.

Operating Systems : Windows XP/2k/7, UNIX.

Database : MS SQL Server 2008/2012, Oracle, MS Access 2013/2010, TSQL, Oracle PL/SQL, SQL\*Plus, TOAD, SQL\*Plus, SQL\*Loader, DB2 and MYSQL

Languages : Java, C, C#, SQL, PL/SQL, VB, ASP, XML, HTML, DHTML

Build/ Version : Maven, Ant, Gradle, Jenkins, Visual SourceSafe, CVS, Clear Case

Utilities/IDEs : MS Word, Excel, PowerPoint, Eclipse, MS Visual Studio, Toad, SQL Developer

**Professional Experience Summary:**

**INVeShare | Alpharetta GA Nov 2016 to till date**

**Description**: INVeSHARE brings new energy to the shareholder communications market. Responsible for Functional, Smoke and Regression testing of functionalities of various portals like Compliance Portal, Ops Tool, and OVO suing Agile methodology.

**Role**: QA Manual/Automation Engineer

**Responsibilities**:

* Analyzed Business Requirements and Functional documents, created the test strategy document that defines the test environment, phases of testing, entrance and exit criteria into different phases of testing and resources required to conduct the effort.
* In-depth understanding of Object Oriented Programming and skilled in developing automated test scripts in Java.
* Enhanced Automation framework with various common methods.
* **Agile development** - Participated in daily **scrum** meetings to report daily progress of Automation activities and Sprint planning for test planning activities.
* Involved in Performing Manual testing, Regression Testing, Integration Testing, System Testing.
* Involved in creating automation framework and test scripts using **Selenium Web-Driver** for multiple platforms and browsers testing.
* Developed manula/automation test cases, executed these test scripts.
* Designed test cases for **manual** testing developed and maintained checklist.
* Configured **Selenium Web Driver** and created selenium automation scripts in Java by using **Cucumber**.
* Performed functional testing to identify various critical points in the application and automated it by using Selenium Web-Driver with cucumber.
* Work Closely with the UAT Team to make sure that their executive trackers are submitted in a timely fashion to create the daily UAT Metrics report.
* Tested compatibility of application for dynamic and static content under various cross browsers using **HTML IDs** and **XPath** in Selenium Web Driver.
* Prepared user documentation with screenshots for **UAT (User Acceptance testing)** using Selenium Screenshots.
* Used **Apache POI** to read data from Excel sheet.
* Performed **Continuous Integration** automation testing using **Jenkins**.
* Used parameters, data provider **JUint** annotations to perform regression and functional testing.
* Used **Actions** and **Action classes** for performing Keyboard and Mouse events.
* Used Firebug/ IE Developer Toolkit and Selenium IDE to capture and validate CSS Locators, HTML ids to identify elements.
* Performed Integration and **Regression testing** to check compatibility of new functionality with the existing functionalities of the application using Selenium.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex queries using SQL Server.
* Designed **Data-driven testing framework** in Selenium and captured data dynamically from web controls.
* Used automated scripts and performed functionality testing during the various phases of the application development using **Selenium**.
* Demonstrated ability to solve complex automation challenges involving Ajax, dynamic objects, custom object types, unexpected event handling.
* Developed test scripts to implement Test Cases, and features for Test Driven Development, **Behavior Driven Development** using **Cucumber**.
* Attended weekly status meetings with development and management Teams.
* Reported defects to the developer and discussed the issues in weekly status meetings.
* Helped the team to upload test cases into **HP ALM QC**.

**Environment**: Selenium IDE, Selenium WebDriver, Apache POI, Java, HTML, CSS, X-path, Windows, SQL, Maven, HP ALM, GIT, SOAPUI, Cucumber, JUnit.

**BlueCross BlueShield of Alabama |** Birmingham, AL **April 2014 to Oct 2016**

**Description**: Member Portal Application project is for developing portal technology solutions for community hospitals and specialty healthcare facilities. It is a role-based user-driven browser-based UI application. It is designed to accommodate human task management used by reimbursement claims processors, reimbursement analysts and customer service associates to view and edit reimbursement claims. The application provides full-featured member, accounts and claims search and provides appropriate navigation system to various parts of the application and to allow the user to perform tasks based on the user role.

**Role**: QA Automation Engineer

**Responsibilities**:

* Developed and executed the test scripts with **Selenium Web Driver** and **Java**
* Within **Software Test Life Cycle (STLC)**, I have been involved both directly and indirectly with Test Requirement Identification, Project Setup, Planning Estimation, Test Strategy and Test Outline, Test Design, Test Plan reports, Automation, Test Execution, Regression reports.
* Participated in **Test Planning** and **Automation Effort estimations**.
* Reviewed Business Requirement documents (BRD) and Functional Specifications Documents (FSD) to prepare Test Cases and identify test scenarios.
* **Agile** development - Participated in daily **scrum** meetings to report daily progress of Automation activities and **Sprint planning meetings**.
* Involved in creation of **Automation Framework** that uses **Java** and **Selenium Web Driver.**
* Used **XPath, CSS Selector, ID, Name, LinkText** locators to identify objects.
* Performed **cross-browser** testing.
* Used **GIT** source control to deploy the application.
* Used Selenium **GRID** to execute test cases on multiple platforms.
* Responsible for updating and maintenance of existing **selenium** scripts.
* Automated test suites using **SOAP UI** using **Groovy** script.
* Tested extensive **Backend testing** using **SQL** Queries to retrieve the data from the database and check data integrity.
* Execution of End-to-End test scenarios.
* Documented and Tracked the **Test plans**, **Test Cases** and **Defects** in **JIRA** and coordinated with developers on the status of the bugs daily.
* Performed **Regression** to resolve bugs fixes.
* Involved in testing **Web services** and XML with tool called **SOAP UI** and using this tool to locate **WSDL** file on the internet, create Test cases and run them
* Extensively involved in resolving bugs fixes with Development Team.
* Prepared user documentation with screenshots for **UAT (User Acceptance testing)** using Selenium Screenshots.
* Worked closely with in house developers to maintain CI/CD processes using Gradle.
* Used **Jenkins** as a **continuous integration** tool to schedule and run the automated test scripts. Logged defects in **Quality** **Center** and generated dashboard report.
* Used **GitHub** for Build Management for each release, **QA**, **Integration** and **staging** environments.
* Developed Maven based build scripts to run Selenium Automation.

**Environment**: Selenium Web Driver, Java, Eclipse, Firebug, FirePath, Web Services, Soap UI, Gradle, Jenkins, Jira, and MYSQL.

**Fremont Bank | California Aug 2012 to March 2014**

**Description**: Fremont Bank Product offers a wide variety of home and auto loans, credit cards, and insurance. The Project was to improve the existing e-bill payment service for customers. The new features added were payment calendar, e-notifications, and e-bill.

**Role**: QA Manual/Automation Engineer/ Mobile Tester

**Responsibilities**:

* Developed and executed the test scripts with **Selenium Web Driver, Appium, Cucumber,** and **Java**.
* Within **Software Test Life Cycle (STLC)**, I have been involved both directly and indirectly with Test Requirement Identification, Project Setup, Planning Estimation, Test Strategy and Test Outline, Test Design, Test Plan reports, Automation, Test Execution, Regression reports.
* Reviewed Business Requirement documents (BRD) and Functional Specifications Documents (FSD) to prepare Test Cases and identify test scenario.
* Participated in daily **scrum** meetings to report daily progress of Automation activities and **Sprint planning meetings** as worked in **Agile** environment.
* Developed manual Test Scripts for System test execution
* Involved in creation of Automation Framework that uses Java, Selenium Web Driver, and Cucumber.
* Identifying right candidates for Mobile Automation.
* Developed **Appium Scripts** for **Native Android/IOS Apps** using **Java.**
* Identifying objects of Apps using **Automator tool** for Android and **Appium Inspector** for iPhone.
* Participatedin developing common **Appium frameworks** for both **Android and IOS.**
* Involved in Functional Testing a Unit Test, Test Suite, Integration Testing using different methods.
* Used **XPath**, **CSS** **Selector**, **ID**, **Name** **locators** to identify objects.
* Documented the test cases for functional testing.
* Worked on distributed test automation execution on the different environment as part of Continuous Integration Process using **Selenium** and **Jenkins**.
* Execution of End-to-End test scenarios.
* Performed web services testing using **SoapUI**
* Identified the test cases to be automated using Selenium.
* Imported Test Case from Excel Spreadsheet into **HP ALM**
* Defects are raised in the HP Quality Center/HP ALM for logging, tracking and reporting bugs in the application.

**Environment**: Selenium Web Driver with Java, Appium, Eclipse, Firebug, FirePath, Web Services, Soap UI ProQuality Center/ALM, JavaScript, Cucumber, GitHub, Maven, Jenkins, SQL Server, Putty, Oracle 11g, and JIRA.

**GAP INC | San Jose** **Nov 2010 to July 2012**

**Description:** Gap, Inc. commonly known as Gap is an American worldwide clothing and accessories retailer. This project involved enhancing the web-based application where users can place an order online and order to pick up in-store using various payment methods. Displaying the sale items and applying the codes directly while checkout.

**Role**: QA Manual/Automation Engineer

**Responsibilities:**

* Created functional and regression automation scripts using **Selenium Web Driver and C#**.
* Involved in creating **Selenium framework** using **Page Object Model**.
* Created new **Utility methods** to build **Selenium framework**.
* Created and executed Daily run - **Regression Test Suites** and **Email Reports** using Ordered Tests.
* Created automation scripts to Email Daily Run Regression Reports to higher management.
* Created **Automation Framework** for Compliance Portal
* Generated **Traceability** **matrix** to map requirements, tests, and defects.
* Responsible for Updating Change request in **QC/ALM** (Test case and Test Lab).
* Responsible for Inputting Business and Functional Requirements in **ALM**
* Utilize Team Foundation Server (**TFS**) to support **UAT** planning, execution and monitoring
* Created SQL - stored procedures to create test data to verify different Proxy Meetings functionality and with different delivery status for Compliance Portal
* Trained newly hired people and manual testers to work with regression scripts as per their requirements.
* Entered defects into **QC** found during the testing process.

**Environment**: Selenium Web Driver with C#, TFS - 2013, HP ALM/Quality Center 10.0, SQL Server, .Net, NUnit.