# Vinay Kumar

# Senior QA Engineer

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Senior QA Engineer Experienced in all stages of the Software Development Life Cycle for dynamic web projects. Diversified experience in manual testing, Automation and Software Development methodologies serving various domains such as **Finance, Healthcare and E-commerce.**

* Selenium IDE/RC/Web Driver/Grid **•** JIRA/RALLY
* JAVA  **•** Maven/Jenkins
* Automation Frameworks **•** Web Services Testing
* Agile - Scrum, Waterfall **•** Mobile Testing
* QTest

**Professional Summary:**

* Experienced in working with Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) models - Waterfall, Agile/Scrum.
* Actively participated in Scrum ceremonies like Sprint Planning, Daily Stand-Ups, Grooming, Sprint Review, and Retrospective.
* Experienced in working with all phases of the test cycle, including Smoke Testing, Regression Testing, Unit Testing, Integration Testing, System Testing, User Acceptance testing, and Web Services Testing etc.
* Conversant in developing Test Plan, Test Strategy, Test scenarios, Test cases, Test data, Test reports and documenting Manual and Automation Testing.
* Expertise in developing, documenting and executing Test Cases manually as well as generating automation test scripts using Selenium and HP QTP.
* Experienced in various automation tools such as Selenium IDE, Selenium RC, Selenium Grid, and Selenium Web Driver.
* Expertise in Firebug, Fire Path add-on tools to identify the web elements using various locators such as id, Name, XPath, partial link text, and CSS locator in the application.
* Enhanced and implemented different automation frameworks like Keyword Driven framework, Data Driven framework, Hybrid framework, and Page object model for different projects using Selenium Web Driver, and TestNG.
* Familiarity with Behavior Driven Development (BDD) Framework using Cucumber.
* Familiarity and worked Partially with the UFT Tool.
* Maintained the code and resources in source controls like GIT, SVN(Subversion) over the time for improvements and adding new features.
* Written complex SQL queries for validating the data stored in the database (SQL Server, MySQL, Oracle) and extracting appropriate Test Data for Test Case Execution.
* Experienced in using project and build management tools such as Maven.
* Performed continuous integration automation using Jenkins and scheduled tests.
* Experienced in Web Services testing using SOAPUI, Postman tool. Validated request and response XML, SOAP Web service calls.
* Knowledge on Apache JMeter as a load testing tool for analyzing & measuring the performance.
* Experienced in using Test Management tools like JIRA, Rally, HP Quality Center (QC)/ALM for reporting bugs and tracking test progress & deliverables.
* Familiarity with ETL Testing and Data Migration w.r.t Database Management.
* Familiarity in Mobile Automation Testing using Appium.
* Exposure to development technologies like PHP, Python, HTML, CSS, JavaScript, XML
* Ability to work in a team environment with excellent communication and interpersonal skills.
* Knowledge on the Cloud Technologies like AWS, Microsoft Azure and Browser Stack.
* Familiarity with Devops tool like Ansible, Docker.

**Technical Skills:**

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| --- | --- |
| Web Technologies | JavaScript, HTML |
| Programming Languages | C, Java, C#, Python |
| Databases | MySQL, SQL Server, Couch base |
| Automation Testing Tools | Selenium IDE, Selenium Web-driver, QTP/UFT |
| Bug Tracking System | JIRA, Rally, QTest |
| Web Services Testing Tools | SoapUI, Postman, Swagger |
| Version Control | Git, Bitbucket |
| Test Build and Integration Tools | Maven, Jenkins, Puppet, Gradle, Bamboo |
| Frameworks | Data Driven, Keyword Driven, TestNG, BDD Framework with Gherkin |
| Mobile Testing | Appium |
| Methodologies | Agile, Scrum, Waterfall |
| Browsers | Internet Explorer, Mozilla Firefox, Google Chrome, Safari |
| Operating system | Windows, Linux |

**Education:** Bachelor’s in Computer Science at VVIT, India.

**Professional Experience:**

# Anthem BCBS Sr QA Engineer

# Atlanta, Georgia February 2020 – Present

Anthem Blue cross Blue Shield is a Health care provider which provides Health Insurances for the Customers. Worked on the Ingenio Revenue Management Billing System for Generating the Invoices and Reports for the Claims receiving from the End Clients.

**Responsibilities:**

* Worked on the Amazon webservices Cloud for the Balancing and Controlling Function.
* Tested the lambda Function in AWS for the claims receiving from Pharmacy.
* Writing the test cases for the Functionality IRMB Application.
* Testing the Balancing and Controlling part for the Claims generated from the end Client CVS Pharmacy.
* Worked on the Qtest Tool for writing the Manual Test cases and Executing.
* Created Automation Framework by using BDD Framework with Cucumber for the Application.
* Interacted with ORACLE Team in Understanding the Business Requirement Changes for the Oracle Database.
* Integration testing had been done internally for converting the xml file to Pdf file through IEP within the Application.
* Written and Executed the SQL Queries for checking the valid Records in the Database.
* Used JIRA for Tracking the work and logging the Defects.
* Performed Functional Testing for the Application.
* Familiarity in Mobile Automation Testing using Appium.
* Automating the Manual test Scripts by Using Java Language.
* Created the Continuous Integration and Continuous Deployment (CICD) pipeline through Jenkins.

**Tools and Environment:** Java, Jenkins, Selenium, BDD Framework, Intellij, Oracle SQL, GIT, Bitbucket, Maven.

# Therapeutics MD QA Automation

# Boca Raton, United States July 2019 – January2020

Therapeutics MD is an innovative Pharmaceutical company which is committed to advancing the health of women and championing bringing awareness of the Health care Issues. Worked on CRM Application, which is used by the CCAs, and the Patient Portal (PP) Application for end Users.

**Responsibilities:**

* Developed and Executed Selenium test scripts by using Page Object Model.
* Analyzing on the Business requirements of Jira Tickets, developed Automation scripts for validating the acceptance criteria Application functionality.
* Performed Back-End/Database testing by writing SQL queries.
* Worked in Developing Page Object Model with Page Factory Class for Web Applications.
* Tested the Web Service API’s by using POSTMAN Tool.
* Executed the Patient Portal Application in Browser Stack for Browser Compatibility.
* Worked on the Integration Testing for PP and CRM Application.
* Worked closely with the development team in Understanding about the Functionality of the Applications in order to develop the Automation scrips.
* Part of the Agile Development team attended all the Sprint Ceremonies.
* Performed Manual Testing for Patient Portal Application.
* Mobile Automation Testing using Appium tool
* Worked on Testing the Patient Portal Application in AWS Cloud.

**Tools and Environment:** TestNG, Java, Jenkins, POM, Browser Stack, Intellij, MySQL, Postman, GIT, Bitbucket.

# American Express QA Automation

# Sunrise, United States November 2018 – June 2019

American Express Bank, also known as Amex, is an American multinational financial services corporation. Internal application has been developed which is called BeetRt for capturing the Messages from the Applications and storing in the Couch base. Also worked on the CICD for Multiple Applications.

**Responsibilities:**

* As a senior member of the team, collaborated with the Lead on how best we can achieve the Project Goal which is moving towards Continuous Delivery using Jenkins.
* Developed Selenium test scripts for identified test cases by using BDD Framework with Cucumber.
* Analyzed the Business Requirements for stories, develop Automation script to validate the acceptance criteria for functionality.
* Written acceptance test cases using the Cucumber framework.
* Tested the Beetrt Integrator Application with the SDK.
* Executed and controlled the flow of test cases using TestNG parameters, data providers, parallel suites and groups through the XML file.
* Discuss solution when faced with data related issues that are coming from various Web Services and frequently changing requirements.
* Worked with the development team to understand technical design and architecture for test planning.
* Worked on Integrating the Verdict results with the Test cases in Rally.
* Part of the Agile Development team attended Daily Scrum/Stand-up/Status meeting, Sprint planning and Demo meetings, weekly assessment meetings with business analysts, developers, DBA, and others.
* Coordinated with team members, developers located in various time zones.
* Updated Test Plans and Test Scripts periodically to manage changes in requirements.
* Used SQL queries on Oracle SQL for data verification and validation.
* Validated the End points in WSDL File by Using SOAP UI tool.
* Validated the Requests and Responses for the SOAP calls by using SOAP UI Tool.
* Familiarity with Kafka Topic and used in the Project by using Rest Assured Jars.
* Worked on the Keyword Driven Framework for using the data and executing it.
* Performed Manual Testing on Web service URL’s using Postman.

**Tools and Environment:** Sauce labs, TestNG, Java, Jenkins, BDD with Cucumber Framework, Gherkin, Intellij, MySQL, Postman, Rest assured, GIT, Bitbucket, SOAP UI, Kafka API.

# UBS Group QA Engineer

# NYC, United States July 2016 - October 2018

UBS Investment Bank provides corporate, institutional, and wealth management clients with expert advice, innovative financial solutions, outstanding execution and comprehensive access to the world's capital markets. The Investment Bank is an active participant in capital markets flow activities, including sales, trading, and market-making across a range of securities. I worked with the team that focused on enhancing the existing Equity Compensation Services.

**Responsibilities:**

* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application's GUI in the development environment using Selenium.
* As a senior member of the team, collaborated with the Lead on how best we can achieve the Project Goal which is moving towards Continuous Delivery using Jenkins.
* Enhanced existing test framework using Selenium with Java for further test creation and execution.
* Analyzed the Business Requirements for stories, develop Automation script to validate the acceptance criteria for functionality.
* Written acceptance test cases using the Cucumber framework.
* Executed and controlled the flow of test cases using TestNG parameters, data providers, suites, parallel suites and groups through the XML file.
* Discuss solution when faced with data related issues that are coming from various Web Services and frequently changing requirements.
* Worked with the development team to understand technical design and architecture for test planning.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application's GUI and in the testing, environment using Selenium Web Driver.
* Implemented cross browser and cross platform web testing with Selenium Grid and Selenium Web Driver.
* Part of the Agile Development team attended Daily Scrum/Stand-up/Status meeting, Sprint planning and Demo meetings, weekly assessment meetings with business analysts, developers, DBA, and others.
* Coordinated with team members, developers located in various time zones.
* Updated Test Plans and Test Scripts periodically to manage changes in requirements.
* Written Integration test cases for Restful API.
* Used SQL queries on MySQL for data verification and validation.
* Implemented Page Object Model using Data driven framework and accessed it by Apache POI.

**Tools and Environment:** Selenium Web Driver, Selenium Grid, TestNG, Java, Jenkins, BDD with Cucumber Framework, Java, Eclipse, Atlassian JIRA, Chrome, Mozilla Firefox, Windows XP, MySQL, GIT.

# Staples Inc. QA Analyst

# Boston, United States February 2014 – June 2016

Staples area Retailer company, where I have worked on ATG which is a Java web application and contains the products related to the business. The end users search for the products and proceed to checkout after providing the shipping, billing details. The end user also has the advantage of utilizing the BBB coupons, gift cards to get discounts on the cart items. After placing the order user is given the order number and expected delivery date.

**Responsibilities:**

* Part of Agile-Scrum team, participated in Sprint planning and Demo meetings, Retrospective meetings.
* Created test plans, test suite and uploaded into the quality center.
* Reviewed requirements for testability and usability, consulted development team with regards to system functionality.
* Created and enhanced numerous test scripts to handle changes in the application's GUI in the development environment using Selenium.
* Work in the Agile Development Environment with frequently changing requirements and features set review product requirement document.
* Analyzed the Business Requirements Document put input in Test Plan and prepared detailed Test Cases for new functionality.
* Associated with the development team to understand technical design and architecture for test planning.
* Involved in tracking, reviewing, analyzing defects using the Quality Center.
* Written and implemented automated test scripts using Selenium Web Driver.
* Implemented Page Object Model automation framework with Java and Selenium Web Driver.
* Implemented TestNG automation framework through Selenium Web Driver with XML to control the flow of the test cases.
* Performed cross browser testing using Selenium Grid.
* Worked on Apache JMeter for Load Testing.
* Created Test Reports generated out of TestNG and captured the error screenshots.
* Written Regression test cases and automated using Web Driver.
* Executed test cases using TestNG parameters, data providers, suites, parallel suites and groups.
* Performed testing on Web Services using Postman to check the communication between different services.
* Performed Automation testing using Selenium on Web-based (Browser) application.
* Developed User Defined functions to support the automated scripts.
* Categorized bugs based on the severity and interfaced with developers to resolve them.
* Coordinated with the developers in resolving the test
* Participated in Test Process Improvement discussions and advised the training and Strategies to implement and enhance the Testing process.

**Tools and Environment:** JIRA, Selenium Web Driver, Selenium Grid, Postman, HTML, Firebug, Firepath, XPath, Java, SQL Server, JavaScript, Chrome Developer Tools.

# D square Tech labs Manual Tester

# Hyderabad, India September 2013 – January 2014

D square Tech labs is designed to become the Market Leader for Developing Web based Applications with cloud-based Technologies. Applications are been Developed on its ability to meet and anticipate external end user needs. And it is one of the Fastest growing company in the South.

**Responsibilities:**

* Used Test Director for bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status
* Analyzed the Business Requirements Specification, System Requirements Specification and User Interface Specification documents.
* Performed Extensive Manual Testing.
* Worked on Automation Tool for the Application using UFT Tool.
* Involved in preparing Test Plans.
* Prepared Requirement Traceability Matrix (RTM) to trace test cases to functional requirements
* Composed accurate and detailed Test Approach, scenarios and test cases (functional, usability and regression).
* Interacted with the development and testing teams to improve the overall quality of the software
* Analyzed the performance based on the reports generated and conducted end to end test executions on the entire application.
* Worked on enhancing the existing front of the application for its look and feel.
* Responsible for providing a regular status report to the upper management
* Involved in setting up different configuration environment for compatibility testing and manual testing.
* Performed ad-hoc, Functional, Regression, Integration, Data-driven testing and Compatibility Testing of Web-based Application.

**Tools and Environment**: Manual Testing, Agile, MySQL, Java, Selenium, Jira.