**Avinash Kandukuri**

Quality Engineer III

**Quality Assurance, Quality Control**



Advanced

**Software Requirements Analysis**



Advanced

**SDLC – Application Delivery**



Advanced

**Business Process Improvements**



Expert

**Agile, User Stories, Estimates**

Very Good

**Test Automation Engineering**

Advanced

**Data Analysis** and **SQL**



Good

**GUI Test, User Acceptance Test**



Advanced

**Reliability – Team Player – Go Getter**



100%

*Seasoned engineer with core skills and expertise in Quality Assurance, experienced working in software development lifecycle, combined with outstanding track record of transforming business ideas into conceptual models and software solutions.*

CORE COMPETENCIES

* Proficient in software testing with diversified exposure in both Manual and Automation Testing of client/server, AWS, cloud applications, Mobile and Web-based applications with focus on Quality Assurance, Quality Control and meet corporate Compliance.
* Expert in creating test scripts for test automation, use open-source technologies and tools for best practices in Quality Assurance and Quality Control.
* Expert in Test Management, Defect Management techniques, document test plans, execute tests, log defects, resolve, re-test and deploy applications to production.
* Act as a technical liaison between technology departments and the business teams, provide operational support to project and program management.
* Excellent at collaborating with clients, self-organized, demonstrated ability to facilitate discussions and have a strong desire to influence and meet commitments to lead and excel in project deliverables.
* Clear understanding of Data flow, perform ETL regression testing, Data integration testing, contribute to software analysis of Data Migration projects in support of Legacy migration or stand-up of new server environment for system and architectural enhancements.
* Experience in core AWS services ( S3, EC2, ELB, EBS, Route53, VPC, auto scaling, kinesis etc.) and deployment services ( OpsWorks and Cloud Formation, ECS ).
* Create Storyboards, prioritize User Stories, conduct test plan walk-through and contribute to software release plan in Continuous Delivery Pipeline.
* Developed java Application and using Spring MVC and Developed Restful services to communicate with the application and they consumed internally in the team.

**Skills Summary**

PROJECT PROFILE

**Client: General Motors** –Austin TX

**Position:** SDET \Test Automation Engineer (Dec 2022 – still date) (C2C)

**General Motors (GM)** is one of the largest and most iconic American automobile manufacturers. Founded in 1908, GM has played a significant role in the global automotive industry. The company is known for its diverse portfolio of brands, including Chevrolet, Cadillac, GMC, and Buick, our solution is to make customers get qualitative and quantitative user experiences by providing the web service across all the channels in the organizations and external organizations.

**Responsibilities:**

* Develops automated Test Scripts using Selenium integration with cucumber and rest assured.
* Integrating the Automation to Devops systems using bitbucket and bamboo and Creating CI/CD pipeline.
* Extensive in using Selenium, generating scripts for automation and manual for Functional test, regression test.
* Performs Web Services testing, Validated XML, and Json request/response data using postman and SOAP UI or using java integrating with selenium.
* Worked with different libraries like Apache POI, HTTP Client, Extend Report and built the Behavior Driven framework to support automation from scratch.
* Developed performance Scripts using Load Runner for different versions of Api’s and integrated to Cloud.
* Develops automated Test Scripts using Selenium integration with cucumber and rest assured.
* Integrating the Automation to Devops systems using bitbucket and bamboo and Creating CI/CD pipeline.
* Created Test Cases and Test Plan for New Enhancements for Projects in Azure.
* Strong working knowledge of Software Development Life Cycle (SDLC) methodology (Agile, Scrum, ATDD), Software Testing Life Cycle and, Defect Life Cycle.
* Enhanced the Java/C# - based test framework to test components built on the cloud-based AWS/Azure. Good analytical and communication skills and ability to work independently with minimal supervision and perform as part of a team.
* Running Regression daily and reporting the errors in the triage sessions to respective teams.
* Used cucumber and Java spring to build the robust framework and make compatible to the mobile, Web, and Web services testing.
* Added performance measurements for Oracle, Web Logic, IIS in LoadRunner TestCenter.
* Developed parallel Functionality to optimize the run time and helps to speed up the prod testing and prod release.
* Involved in working under Agile with Scrum methodology.
* Created Test Cases and Test Plan for New Enhancements for Projects in Jira.
* Helping the team members for troubleshooting the issues or retrieving the issues.
* Developed Junit Testing for the Dev code and cross functional.

**Environment:**Java, Selenium WebDriver, Page Object Model (POM), REST and SOAP Web services, cucumber, Rest assured, Azure, postman, HTML, CSS, JQuery, XPath, Jira, SQL, Extent report, mobile testing, Load Runner, Jmeter, Jenkines, PCF, prod support, Azure, AWS, Postman, git, cross team testing.

**Client: Meijer** – Grand Rapids MI

**Position:** SDET\Test Automation Engineer (Feb 2021– Nov 2022)

**Meijer** Is the retails and E commerce grocery store based on more than 12 states in united states and Meijer operates about 300 stores all over the United States, The company provides [retail](https://en.wikipedia.org/wiki/Retail_bank) and commercial e commerce’s. Our solution is to make sure provide quality web based and mobile applications service to the customers. I as an SDET developed the test automation frameworks for all the different modules like API, web and mobile.

**Responsibilities:**

* Involved in working under Agile with Scrum methodology.
* Strong skills in object-oriented programming, Designed and Developed Automation test scripts in Java implementing test cases in Selenium Web driver.
* Develop Restful Web services for transmission of data in JSON format.
* Test automation framework is integrated with SQL for logging the Test Result and reporting runtime.
* Created Test Cases and Test Plan for New Enhancements for Projects in Jira.
* Strong working knowledge of Software Development Life Cycle (SDLC) methodology (Agile, Scrum, ATDD), Software Testing Life Cycle and, Defect Life Cycle.
* Worked in installing, configuring and integrating Automation scripts on Continuous Integration tools (CI/CD) like Jenkins for nightly smoke test suite execution and working on knowledge on testing and configuring AWS.
* Developed Shell script for data validation, by implementing the regex with respective to the requitements.
* Experienced with open-source tools Selenium (IDE, Web driver, Grid and Zalenium).
* Well versed with C# Testing Frameworks like Page Object, Nunit(TDD) and Specflow(BDD).
* Created Test Cases and Test Plan for New Enhancements for Projects in Jira.
* Develops automated Test Scripts using Selenium integration with cucumber and rest assured.
* Integrating the Automation to Devops systems using bitbucket and bamboo and Creating CI/CD pipeline.
* Experienced in developing API automation using postman newman packing and integrating with CI/CD.
* Logs retrieved from the Aws server as test automation and web applications are integrated with the system.
* Extensive in using Selenium, generating scripts for automation and manual for Functional test, regression test.
* Performs Web Services testing, Validated XML, and Json request/response data using postman and SOAP UI or using java integrating with selenium.
* Expertise in using Jenkins as a Continuous Integration (CI) tool for the project and experience in Jenkins on an AWS Virtual Machine (VM) for executing the Smoke Test and Regression Test for continuous integration.
* Conducting the Smoke test and validating the functionality of the product.
* Helping the team members for troubleshooting the issues or retrieving the issues.
* Integrate new data sources and solutions into credit risk strategies.
* Expertise in problem tracing and Defect Tracking Tools like HP ALM and JIRA.

**Environment**: Java, Selenium WebDriver, Page Object Model (POM), JavaScript, mongoDB, REST and SOAP Web services, postman, Newman, AWS, Cucumber, Specflow, Spring, Spring boot, HTML, CSS, JQuery, XPath, Jira, SQL, Extent report, Bamboo, Jenkins.

**Client:** BBVA US Bank– Birmingham, Al

**Position:** SDET\Test Automation Engineer (Dec 2018 – Feb 2021)

BBVA Compass is a [financial institution in [Birmingham, Alabama](https://en.wikipedia.org/wiki/Birmingham,_Alabama).](https://en.wikipedia.org/wiki/Financial_services) The company provides [retail](https://en.wikipedia.org/wiki/Retail_bank) and [commercial banking](https://en.wikipedia.org/wiki/Commercial_bank), trust, securities brokerage, mortgage and insurance products and services. Our solution is to make customers get qualitative and quantitative banking services. I as a part of Credit Monitoring and Credit decision team, we integrate with all the products in the organization, and we communicate with external systems for the verification of the customer data.

**Responsibilities:**

* Involved in working under Agile with Scrum methodology.
* Strong skills in object-oriented programming, Designed and Developed Automation test scripts in Java implementing test cases in Selenium Web driver.
* Develop Restful Web services for transmission of data in JSON format.
* Develops the internal application to interact between the dependency teams.
* Uses HTML, JavaScript and JSP for developing the front end and integrating with Web from to submitting the request.
* Set up and configured AWS EC2 instance for Jenkins.
* Developed Test Management application using the Spring MVC 4, Java8, web Services, and it is integrating with SQL or Oracle.
* Test Management tool replaced the old traditional format of data transition for dependency teams.
* Conducted POC on the Mongo DB for the test management application.
* Integrating the SOAP Service to the application and handling the XLM and XSD documents, utilize the data to show in UI using JSP or HTML.
* Implemeted parallel automation testing using the AWS and spins on demand.
* Test automation framework is integrated with SQL for logging the Test Result and reporting runtime.
* Created Test Cases and Test Plan for New Enhancements for Projects in Jira.
* Strong working knowledge of Software Development Life Cycle (SDLC) methodology (Agile, Scrum, ATDD), Software Testing Life Cycle and, Defect Life Cycle.
* Develops automated Test Scripts using Selenium integration with cucumber and rest assured.
* Integrating the Automation to Devops systems using bitbucket and bamboo and Creating CI/CD pipeline.
* Extensive in using Selenium, generating scripts for automation and manual for Functional test, regression test.
* Performs Web Services testing, Validated XML, and Json request/response data using postman and SOAP UI or using java integrating with selenium.
* Conducting the Smoke test and validating the functionality of the product.
* Helping the team members for troubleshooting the issues or retrieving the issues.
* Integrate new data sources and solutions into credit risk strategies.
* Expertise in problem tracing and Defect Tracking Tools like HP ALM and JIRA.

**Environment**: C#, Selenium WebDriver, Page Object Model (POM), JavaScript, Azure, REST and SOAP Web services, postman, Newman, Cucumber, Specflow, AWS, cloud, Spring, Spring boot, HTML, CSS, JQuery, XPath, Jira, SQL, Extent report, Bamboo, Jenkins.

**Client:** Regions Bank– Birmingham, Al

Regions Financial Corporation

**Position:** SDET\Test Automation Engineer (Oct 2017 – Dec 2018)

Regions Financial Corporation is a [bank](https://en.wikipedia.org/wiki/Bank) and [financial services](https://en.wikipedia.org/wiki/Financial_services) company head quartered in the [Regions Center](https://en.wikipedia.org/wiki/Regions_Center_(Birmingham)) in [Birmingham, Alabama](https://en.wikipedia.org/wiki/Birmingham,_Alabama). The company provides [retail](https://en.wikipedia.org/wiki/Retail_bank) and [commercial banking](https://en.wikipedia.org/wiki/Commercial_bank), trust, securities brokerage, mortgage and insurance products and services. Our solution is to make customers get access to the My Mortgage Application through web and from their mobile phone conveniently. I have worked on testing the web application on different features like Auto Draft, Enrollment, Check Deposit, and Financial Assistance.

In addition, I have worked in the mobile banking Automation and online banking.

**Responsibilities:**

* Worked with My Mortgage Web Services team to understand the platform tools and technology, understand data sources and my mortgage application portfolio. I have done document analysis requirements and reviewed FSDs.
* Worked on requirements analysis from Legal Systems application portfolio, integration to My mortgage and Law Enforcement.
* Involved in working under Agile with Scrum methodology.
* Performed the POC on the Zalenium (New version of Grid) and Apifortress for the API automation.
* Performed mobile testing for web responsive on different platforms (IOS and Android) by using Appium.
* Created Functional requirement document’s by reviewing and analyzing the business requirements.
* Strong skills in object-oriented programming, Designed and Developed Automation test scripts in Java implementing test cases in Selenium Web driver.
* Developed -Framework, which Supports both mobile, Web using C #Nunit, and integrated with reporting, and, Data logging.
* Test automation framework is integrated with SQL for logging the Test Result and reporting runtime.
* Experienced with open-source tools Selenium (IDE, Web driver, Grid and Zalenium).
* Well versed with C# Testing Frameworks like Page Object, Nunit(TDD) and Specflow(BDD).
* Created Test Cases and Test Plan for New Enhancements for Projects in Jira.
* Extensive testing applications on different browsers like IE, Firefox, Chrome and execution environments local, cloud and Grid
* Created Automation scripts for rest services using rest assured and Rest Sharp and utilized in the UI automation Scripts in both Java C# (.net frameworks).
* Experienced in developing API automation using postman newman packing and integrating with CI/CD.
* Experienced in performing API Testing using tools like ApiFortress, postman and SoapUI.
* Experienced on using defect-reporting and defect-tracking tools like Jira, TFS Test Director.
* Strong working knowledge of Software Development Life Cycle (SDLC) methodology (Agile, Scrum, ATDD), Software Testing Life Cycle and, Defect Life Cycle.
* Expertise in problem tracing and Defect Tracking Tools like HP ALM and JIRA.

**Environment**: Java, Selenium WebDriver, Page Object Model (POM), Java Script, REST and SOAP Web services, TestNG, Cucumber, Specflow, XPath, HP Quality center, Jira, SharePoint, C#, postman, Newman, rest Assured, Nunit, SQL, Extent report, Bamboo, Jenkins, ApiFortess.

**Client:** LexisNexis – Raleigh, NC

**Position:** Test Automation Engineer (Dec 2016 – Oct 2017)

LexisNexis Group is a corporation providing computer-assisted legal research as well as business research and risk management services. LexisNexis pioneered the electronic accessibility of legal and journalistic documents. The company has the world's largest electronic database for legal and public-records related information.Our solution is to make customers get access to the LA APP through web and from their mobile phone conveniently. I have worked on testing the web application on different features like Full DOC view, TOC search Documents, Kwick Delivery and Delivery.

**Responsibilities:**

* Worked with LexisNexis Web Services team to understand the platform tools and technology, understand data sources and Lexis Advance application portfolio. I have done document analysis requirements and reviewed FSDs.
* Involved in system analysis for LAAdvance, Document View, Document Delivery, Quick Delivery, Alerts, Legal Search Engine, Financial Derivatives, and Cash flows, Financing Structure, Portfolio Analysis and Payment Systems.
* Worked on requirements analysis from Legal Systems application portfolio, integration to LAAdvance and Law Enforcement systems using .NET web services and API and used Selenium Web Driver with C# for test automation.
* Created manual Functional Test Cases for LAAdvance web services development project using Microsoft TFS.
* Worked extensively with business analysts and developer to discuss the testing scenarios, defects and their fixes.
* Involved in Creating Low, Medium, High and Critical Issues in JIRA and TFS.
* Involved in all phases of testing such as System testing, Data validation and User Acceptance Testing.
* Involved in creating test plan, test cases and test scripts.
* Developed test scripts to implement test cases, test scenarios, and features for BDD (Behavior Driven Development), TDD (Test Driven Development) using Specflow, Cucumber and Nunit.
* Strong skills in object-oriented programming, Designed and Developed Automation test scripts in Java implementing test cases in Selenium Web driver.
* Experienced with open-source tools Selenium (IDE, Web driver).
* Reviewed the responsive web design languages HTML5 and CSS3and to find the errors in the frontend.
* Well versed with C# Testing Frameworks like Page Object and Nunit and TestNG.
* Created Test Cases and Test Plan for New Enhancements for Projects in Jira.

**Environment**: Java, Selenium WebDriver, Page Object Model (POM), Java Script, REST services, TestNG, HP Quality center, Jira, SharePoint, C#, postman, rest Sharp, Nunit, Extent report, Jenkins BDD, Specflow.

EDUCATION:

* Master of Science –Murray State University, KY
* Bachelor of Technology - India