
Amani Kolipaka

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Qualifications Profile

Over 8 + years of extensive experience in **Analyzing , Designing, and Implementation** of **SDET, Testing** strategy for **Web based, Web Services Testing, Client/Server** application Testing using **Manual testing** and **Automation testing** on **Windows, UNIX** platforms. Follows strategic approach for designing and architecting IT solutions, got the ability to troubleshoot and execute things with hands-on skills and continuous learning.

Areas of Expertise

- **Experience in analysis, design, implementation, and testing of object- Oriented Applications in client/server environment using Java-J2EE Technologies.**
- Experience in working in **Agile Development Methodology** and participated heavily in **S crum meetings** and **Sprint planning** meetings.
 - Experience in **Digital banking system**
 - **Experience in Mortgage Origination and Servicing Platform – Loan Originating, On- Boarding and Servicing.**
 - Strong Core **Java & Ruby programming skills.**
 - Experience in Testing of Payments applications, Customer communications and Channel enhancements.
 - Experience developing web applications using Java, XML, springs, Web Services, Struts 2.0.
 - Experience in preparing **Test plan** document to suit **Agile** timelines.
 - Good knowledge of latest version of object-oriented java script Libraries like **Angular.js**.
 - Strong in **API testing** using tools like **Soap UI Pro, Espresso tool, Advanced REST client** etc.
 - Experience on **Groovy Scripts** for **Web Services API Testing.**
- Experience in working with open- source tools **Selenium (IDE/WebDriver/GRID), HP Quality Center, J unit, Test NG, Eclipse, Espresso tool** and preparation of automation test framework.
- Experience working in developing **BDD scripts** with **Cucumber** and writing step definitions for behavior.
- Report bugs using **JIRA**, assure reports are easily reproducible and contains information needed to assess them.
- Well Experienced in writing VB Scripts in **QTP** and **Java** and **Python** in Selenium.
- Experience with building **Gherkin (Cucumber)** user scenarios and **ruby scripting** for automated testing (**Selenium/Ruby/Cucumber**).
- **Experience in writing Acceptance criteria in Gherkin, Feature Files and Step definition using Ruby.**
- Experience in **black box, gray box** and **automation testing** using **Selenium, TestNG/Junit** on web and client applications.
- **Rational functional tester** using Java.
- Skilled in performing load, stress and performance testing using Apache **JMeter**.

- Actively involved in STLC process and used tools like Selenium RC/Web driver, **JMeter**, **SOAP UI**.
- Involved in developing the automation script for Mobile Native applications (IOS, Android) using **Appium**, **Java**.
- Integrated **Appium** with Sauce Labs for distributing tests on the cloud.
- Experience in protractor, QTP Automation, load, and performance testing tool **JMeter** , **Load Runner** and mobile automation testing tool **Appium**.
- Created Automated scripts - **Load Runner** Web Services, Soap UI, XML.
- Developed and executed Non- functional testing such as performance, load, stress, stability, and security testing using **Load Runner**.
- Experienced in performing **Continuous Integration (CI)** and **Continuous Delivery (CD)** automation using **Jenkins** tool for scheduling the jobs and expertise working on configuration management tools like **GIT**.
- **Experience with MySQL, T-SQL, MS SQL, SQL Server, Oracle Database.**
- Impressive knowledge in writing unique **XPath** using **firebug** and **fire path** to identify **web elements**.
- Experienced in using **Jenkins** as a **Continuous Integration server** to configure with **Maven/Ant**.
- Experienced in performing **Data driven testing** to validate the components displayed on the website using **Selenium.regre**
- Testing & Automation of Test Scripts in **Ready API** using **Groovy scripting**.
- Experienced in **Selenium Data-Driven and Protractor Framework** with **core Java programming**.
- Expert in debugging various issues occurred in Web application & web page on the browser and backend using **Firebug**.
- Expertise in Smoke Testing, backed end Testing, Black- Box Testing, Grey- Box Testing, User Acceptance Testing (**UAT**) , Functional Testing, Positive/ Negative Testing, System Testing, Regression Testing, GUI Software Testing, Ad-hoc Testing, Boundary Value Testing.
- Experienced working with **Service Oriented Architecture (SOA)**, **Software development life cycle (SDLC)** - **Waterfall model and agile / Scrum** development environment.
- Experience in **Functional Testing, Data Driven Testing, Load Testing** and Validating WSDL using **SOAPUI tool and Espresso tool**.
- Experience in testing on various browsers like **Internet Explorer, Netscape, Chrome, and Mozilla** to perform browser compatibility testing.
- **Excellent** problem-solving skills with a strong technical background and good interpersonal skills

Technical Acumen

Technologies:	(1.7), J2EE, Servlets, JSP, XML, Web Services, Spring Framework.
ing Skills	ual, Automation
mation Tools	Selenium IDE, Selenium Web Driver, Quick Test Pro (QTP), Quality Centre, Ruby Mine
Tracking Tools	QC, Bug zilla

Scripting Language	JavaScript, CSS, JQuery 1.9.1 & JQuery UI 1.10
Service Tool	JUnit, Selenium, JMeter
Framework	TestNG, JUnit
Configuration Controllers:	Apache SVN, GIT.
CI/CD Tools:	CircleCI, Jenkins, Bamboo.
Cloud Information container:	AWS, Docker, Kubernetes, EKS, LAMBDA
Build Tools:	Gradle, Maven, ANT
Version Control Tools:	SVN, Team Foundation Server (TFS), Bitbucket
Operating Systems:	Windows, Linux, Sun Solaris, CentOS, Windows, Ubuntu
Database Servers:	MySQL, Microsoft SQL Server, MS Access, Oracle, DB2
Web/Application Servers:	Tomcat, JBoss, Apache Tomcat, Cloud PaaS.

Professional Experience

Client: Southwest Airlines, USA November-2021 to Present

Role: Senior SDET/QA Engineer

Responsibilities:

- Implemented **Page Objects, Data Driven, Keyword Driven, Hybrid** automation frameworks using Selenium
- Created Test Automation Framework with **Cucumber** and **Selenium WebDriver**.
- Developed the features, scenarios, step definitions for **BDD (Behavior Driven Development)** and **TDD (Test Driven Development)** using **Cucumber** and **Gherkin**. Experience in using Jenkins as a Continuous Integration server to configure with **GitHub** and **Maven**. Configured Cucumber Report Plugin and Performance Plugin to Jenkins to generate html test reports.
- Automated Regression Test cases using Selenium Web Driver, **Jenkins**, and **Maven**. Used Firebug and Fire Path plug-ins to find the elements on the web page based on the element locator ID, Name, Tag, Class Name, XPath, Link Text, Partial link Text and CSS Locator.
- Monitor test execution status through log4j.
- Bug Reporting and Tracking through **JIRA**.
- Presented Automation Test result analysis during daily Agile stand-up meetings.
- Responsible for transferring the knowledge about the use of test framework to developers and manual testers.
- Executed test cases and logged defects in JIRA/Zephyr.
- Performed Cross Browser Testing Using **Sauce LABS** Enterprise version and Automated that using Jenkins.

Environment: Eclipse IDE, Cucumber, Java Selenium, Cucumber, JIRA, Sauce LABS, ZEPHYR, Maven, Jenkins, Kabana, TestNG, JUnit, Json

Client: Optum, Eden Prairie, MN November 2020 to November 2021

Role: Senior SDET/QA Engineer

Responsibilities:

- Worked with AWS CLI and AWS API to manage resources on AWS for many services such as an EC2, S3, VPC, Cloud Watch, ELB, Auto- scaling, created python script using AWS API Calls to manage all resources deployed on AWS.
- Responsible for **conversion/acquisition modules** business and functional requirement gathering and analysis.
- **Involved in Analysis of Business requirements, use cases, Design Flowcharts and Software Requirements specifications creation of test data requirements and test condition matrix setting up test environment software test execution defect management.**
- **Used Ruby Mine IDE and wrote Gherkins/scenarios** and generated step definitions and methods using ruby/ Cucumber, for different functionalities of the above applications. Performed regression tests to validate the changes for different.
- **Used SOAP UI and Espresso tool to test SOA based architecture application to test SOAP services and REST API.**
- Support base of users at the UMB for **IBM Rational Tools** Suite, including RTC, Eclipse, RM, RQM, etc.
- Performed SOA / web services testing using **SoapUI**; wrote adaptors to test / invoke web services
- Perform REST and SOAP Web Services testing using **SoapUI** for Service Gateway.
- Created automation test scripts using **selenium, cucumber built on Eclipse IDE** Used.
- Wrote **Gherkin Test Scripts** for **Cucumber framework**, developed Cucumber Step Definitions in Ruby
- Configured **Selenium WebDriver, TestNG, Maven tool** and created **selenium automation scripts** in java using **TestNG** prior to agile release.
- Responsible for implementation of Hybrid Test Automation Framework build using **Selenium WebDriver, TestNG and Maven** technologies under Java platform utilizing industry leading harness design patterns and approaches.
- Skilled in performing load, stress and performance testing using Apache **JMeter**.
- **Actively involved in STLC process and used tools like Selenium RC/Web driver, JMeter, SOAP UI.**
- Experienced in **Selenium Data-Driven** and **Protractor Framework** with core Java **programming**.
- Verified the application on difference web browser such as **IE, Mozilla Firefox, and safari.**
- Conducted **System Testing** and **User Acceptance Testing** for every client and Conducted Backend testing writing extensive **SQL queries**.
- Good experience in mobile testing using **Appium** in both IOS and Android applications using simulator and emulator.
- Identified mobile elements using **Appium Inspector**, UI Automator Viewer.
- Used **Appium** to facilitate mobile testing by creating mobile Driver class with the required Mobile capabilities.
- Manual and Automated testing of applications on Windows and **UNIX/Linux** Environment.
- **Developed** and executed **SQL** statements for the database testing.
- Responsible for identifying and documenting comprehensive Test Cases in assigned modules, in **JIRA** to

assure that all issues are found and reported early.

- Performed **BDD** testing using Cucumber Features in **Gherkin format**.
- Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium **Grid** and **Jenkins**
- Investigated bug reports by black box testing and examining code to track down the source of issues for documenting in our bug tracker to help developers.
- Performed extensive Grey-Box Testing.
- Developed and documented complete testing process with well-written test cases.
- Involved in project meetings to meet project deliverables and goals.

Environment: Java, Selenium WebDriver, TestNG, Espresso tool, Maven, Jenkins, Soap UI, Rest, Cucumber, Gherkins, Ruby Mine IDE, HTML, XML, XPath, Eclipse, Firebug, Jira, Appium, JMeter, Clear Case, SQL, UNIX, Oracle, Windows.

Client: Deloitte, Orlando, FL **August 2016 to November-2020**

Role: Senior SDET/QA Engineer

Responsibilities:

- Implemented AWS solutions using EC2, S3, RDS, EBS, VPC, Elastic Load Balancer, Auto-scaling groups.
- Experienced in Automating, Configuring and deploying instances on AWS.
- Extensive experience in Automation Functional testing tools like **Selenium Web driver** using Java
- Involved in analyzing **system specifications, design, development** and execution of test plans and test cases for **Manual** and **Automated testing**
- Wrote **python** scripts to manage AWS resources and also worked with AWS CLI.
- Maintain and enhance several **Jenkins** based test platforms and CI solutions.
- Maintained functional testing gap and eliminate the risk caused by external dependencies component.
- 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**.
- Developed Selenium test cases using **Junit framework**
- Used **Appium** for mobile automation testing with Selenium bindings for Android, IOS
- Developed automation scripts for Mobile Native applications on iOS and Android platforms using **Appium** and Java.
- Developed **ANT** Build scripts to run Sanity Test scripts.
- Integrated Selenium RC with existing **API** to test framework.
- Extensive use of Selenium IDE and **WebDriver, JUnit, JMeter, JSON** and **TestNG**.
- Implemented **Data-Driven test** to verify the same functionality with multiple sets of data.
- Extensively executed **SQL Queries** on database tables to verify the database.
 - Worked with source version control tool such as **Subversion (SVN)**.
- Worked with developer to reproduce the bugs and to resolve usability issues during **UAT**.
- Worked closely with development and project management teams for effective defect management and verify resolved **bugs and track enhancements** made to product.
- Created **Regression Document** to track and report testing activities during each phase of testing, including testing results, test case coverage, required resources, logged defects and their status, performance baselines
 - Participated in Stand- up meeting, walkthrough meeting, weekly automation meeting with all other QA, weekly assessment meetings with business analysts and developers.
 - Analyzed business requirements, system requirements, and data mapping requirement specifications interacting with client, developers, and QA team.
 - Created and implemented Test Plan and Test Strategy Document outlining the scope, objectives,

timeline and focus of software testing effort for functional, regression, user acceptance and stress testing.

Environment: Java, Selenium IDE/RC, Jira, JUnit, XPath, Eclipse, Firebug, Ant, Jenkins, HTML, Internet Explorer, Google Chrome, Soap UI, Advanced REST client, Appium, JMeter Safari, Mozilla Firefox, JavaScript, XML, Subversion (SVN), MS EXCEL, SQL, Windows XP.

Client: Zeesta software services – HYD, India **July 2015 to August 2016**

Role: Senior SDET/Automation Engineer

Responsibilities:

- Interacted with the Business users to identify the process metrics and various key dimensions and measures.
- Written white-box test cases based on the User and Business Requirements.
- Worked on **Selenium WebDriver** for creating and executing test cases for functionality testing of a web app.
- Performed cross browser functional testing using **Selenium WebDriver**.
- Performed Assertions like Schema Compliance, **XPath**, and **SOAP responses**.
- **Used SOAP UI and Espresso tool to test SOA based architecture application to test SOAP services and REST API.**
- Support base of users at the UMB for **IBM Rational Tools** Suite, including RTC, Eclipse, RM, RQM, etc.
- Performed SOA / web services testing using **SoapUI**; wrote adaptors to test / invoke web services.
- Perform REST and SOAP Web Services testing using **SoapUI** for Service Gateway.
- Created automation test scripts using selenium, **cucumber** built on Eclipse IDE Used.
- Wrote **Gherkin Test Scripts** for **Cucumber framework**, developed Cucumber Step Definitions in Ruby
- Configured **Selenium WebDriver, TestNG, Maven tool** and created **selenium automation scripts** in java using **TestNG** prior to agile release.
- Responsible for implementation of Hybrid Test Automation Framework build using **Selenium WebDriver, TestNG and Maven** technologies under Java platform utilizing industry leading harness design patterns and approaches.
- Skilled in performing load, stress and performance testing using Apache **JMeter**.
- **Actively involved in STLC process and used tools like Selenium RC/Web driver, JMeter, SOAP UI.**
- Experienced in **Selenium Data-Driven** and **Protractor Framework** with core Java programming.
- Verified the application on different web browser such as **IE, Mozilla Firefox, and safari.**
- Conducted **System Testing** and **User Acceptance Testing** for every client and Conducted Backend testing writing extensive **SQL queries**.
- Performed **PCI testing** with **PCI testing card** on all systems.
- Manual and Automated testing of applications on Windows and **UNIX/Linux** Environment.
- **Developed** and executed **SQL** statements for the database testing.
- Responsible for identifying and documenting comprehensive Test Cases in assigned modules, in **JIRA** to assure that all issues are found and reported early.
- Performed **BDD** testing using Cucumber Features in **Gherkin format**.
- Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium **Grid** and **Jenkins**.
- Investigated bug reports by black box testing, Greybox testing and examining code to track down the source of issues for documenting in our bug tracker to help developers.

- Developed and documented complete testing process with well-written test cases.
- Involved in project meetings to meet project deliverables and goals.

Environment: Java, Selenium WebDriver, TestNG, Espresso tool, Maven, Jenkins, Soap UI, Rest, Cucumber, Gherkins, Ruby Mine IDE, HTML, XML, XPath, Eclipse, Firebug, Jira, Appium, JMeter, Clear Case, SQL, UNIX, Oracle, Windows.

Client: Zitit Technologies- HYD, India June 2014 to July 2015

Role: QA Automation Engineer

Responsibilities:

- Designed the test cases and developed test scripts using **Java and Selenium**.
- Design and developed automated functional Test suite using **Selenium IDE and WebDriver**.
- Developed Test Plan, Test Cases and executed various test scripts functional testing.
- Developed **Automation scripts for new enhancements using Selenium WebDriver and Junit**.
- Using AWS Opswork to automatically sign-up API instances by running backend chef recipes.
- Reviewed and updated **Requirements Traceability Matrices (RTM)** that satisfy all required project's test conditions.
- **Developed ANT Build scripts** to run Sanity Test scripts developed in **Selenium WebDriver**.
- Extensively involved in integrating Selenium with existing API to test framework.
- Used Junit framework for test cases Performed Black Box , Grey box testing and Unit testing using Equivalence Partitioning analysis.
- Worked actively with developers in expediting the code as against the specs and performing Unit Testing.
- Tests developed in Eclipse to start and to stop the selenium server and to execute the tests in browser.
- Used Selenium GRID to execute test cases parallel on different target machines.
- Involved in providing the Testing Effort estimates and provided the timely feedback on progress of the testing activity.
- Implementing infrastructure on new AWS systems and migration of existing Linux and windows- based infrastructure to AWS.
- Successfully automated the moving of 5 tests from production to staging and staging to production by carefully reading the keywords from NV bugs.
- Developed, tested, and debugged software tools utilized by 100+ clients and internal customers to

facilitate and easier process and user experience.

- Obtained adequate experience in reviewing python code for running the troubleshooting test- cases and bug issues, acquiring all necessary skills.
- Used Quality Center as Test Repository for Requirements, Test plans.
- Verify SQL queries against backend database to ensure test codes retrieve the right data on testing.
- Examine the results of test to pinpoint defects in the application.
- As part of compatibility testing, executed the workflow manager web application related test cases on different browsers like Internet Explorer and Mozilla Fire Fox on different Operating Systems (validation).

Environment: Java, Selenium IDE/RC, Jira, Junit, Eclipse, Firebug, Ant, Jenkins, HTML, Soap UI, Advanced REST client, JMeter, JavaScript, XML, Subversion (SVN), MS EXCEL, SQL, Windows XP.