

PRASAD KALE

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KEY HIGHLIGHTS:

- Over 5 years of experience in Software Testing/Quality Assurance, Automation Framework development and Hands on Automation using **Selenium WebDriver**.
- Strong hands on with **Java** and **Python** to work with different QA environments.
- Worked on agile implementation where contribution efforts vary from Requirements gathering to Story Prioritization, Implementation estimates, QA testing, Automation and Delivery.
- Experience in writing Test automation for the application from scratch using **Selenium WebDriver**.
- Experience in developing of test cases to cover the native mobile app testing using **Appium** and the **json wire** components.
- Proficient with testing **REST APIs, Web & Database testing**.
- Experienced in used the UI Automation concepts to traverse through the application on simulator as well as **AWS device farm** cloud infrastructure via **Appium** scripts.
- Experience in projects ranging from support and maintenance to development and has been part of all the phases of SDLC.
- Fair understanding of building keyword and data driven framework in UFT (Formerly QTP) and managing the whole testing initiative using HP ALM.
- Expertise in GUI Testing, functionality testing, Integration Testing, Black/White box techniques, Regression Testing, Security testing, User Acceptance testing, Smoke testing and System testing.
- Expertise in automating unit test cases using **JUnit** and **TestNG** with Selenium Web driver.
- Performed cross browser testing of functionalities in multiple browsers such as IE, Firefox, Chrome, safari.
- Worked on latest technologies like **MongoDB, AngularJS, JSON**.
- Recognized for taking initiatives, attention to details, good analytical skills, excellent communication skills, co-ordination capabilities, hard work and dedication in various projects.

CERTIFICATIONS

- Post Graduate Diploma in Software Testing from SEED InfoTech.
- HP Training completion certificate.
- Red Hat certification.

EDUCATION

M. S. Computer Science & IT, Sacred Heart University, Connecticut
B. E. Information Technology, University of Pune, India

Mar'2018
Jul'2013

TECHNICAL SKILLS

Programming Languages:

Python, Java, JavaScript.

Framework and Technology:

HTML5, CSS3, Bootstrap, REST Services, HTTPS.

Testing:

Manual Testing, HP Tool, Selenium.

Tools:

Jira, JMeter, Jenkins, Mantis, TestNG, Agile.

Databases:

Oracle 11g, SQL Server.

OS Environments:

Linux, Mac, Windows

Version Control System:

Git.

RELEVANT EXPERIENCE

Client: Target

Jan' 2017

Role: QA Engineer

Description:

Lead QA team by setting them up for success by mentoring, managing workload priorities and measuring staff performance. Worked with QA team on all smoke, functional and regression testing of Flagship Apps, assuring all testing standards are met and 99.8% crash free rate is maintained. Also responsible for writing high-level test strategy, test plans and test case maintenance.

- Involved in creation of Test plan and responsible for creating Test cases from the functional Requirements.
- Identified test cases to automate. Automate those test cases using Selenium Web Driver, TestNG and **Java technologies (Eclipse IDE)**. Contributed in framework creation.
- Performed automation of test cases for Regression Testing using TestNG and Selenium Functional, Acceptance and Limit validations.
- Involved in Develop QA artifacts - Test Plan, Test Scenarios and Test cases based on the user stories as a lead.
- Developed Java Script based library to read test data from XML & Properties files using JUnit and Selenium.
- Created detailed QA and **UAT** cases to validate the quality of the application.
- Used automated scripts and performed functionality testing during the various phases of the application development using TestNG framework. Used complex **SQL Queries** to perform back-end data base testing.
- Designed **Hybrid framework** in Selenium and captured data dynamically from web controls.
- Set up Selenium tools from scratch and configured various other peripherals tools to perform testing of the application. Integrated TestNG with Selenium using Eclipse to generate test execution result.
- Experience in testing RESTful APIs using **Postman**.
- Performed testing on Web Services using **RESTful** to check the communication between different services.
- Maintained and executed Maven build files for running automated tests by adding dependencies.
- Performed and executed test suite automation scripts using Continuous Integration tool **Jenkins**.
- Reported daily status of data creation and sent weekly status reports. Performed Back-end testing to ensure that the user data was updated in database using SQL. Attended Bug Meetings and meetings with the QA Leads, Managers and Developers for query resolution.
- Coordinating with developers in writing Test Plans and formulate Test Cases for automated testing procedures using Selenium.
- Created Test Data using SQL and Wrote SQL queries for back-end testing.
- Implemented cross browser and cross platform web testing with selenium grid and selenium.
- Used TestNG testing Framework as a test runner with Selenium.
- Performed as a lead Reporting daily QA status to the QA Manager.

Environment: Selenium WebDriver, Java, JavaScript, Version Control, Agile, JMS, Meter, HP QTP/UFT chef, puppet, HTML, CSS, RESTAPI, QC, Maven, CI CD, Jenkins, HP ALM, Git, SQL Server, Linux, Firefox.

Client: Lennox

Sep' 2015

QA Automation Engineer

Description:

As a QA automation engineer, involved in functional testing, Non-functional testing (Security, Performance), Test Management, Test Automation Tools. Developed and port manual test cases to Automated test scripts. Worked on TCP/IP protocols. Developed common code APIs (Java) used in thermostat android app and mobile android/iOS apps to ensure common behavior across platforms.

- Worked on developing Automation Test Cases using **Core Java**, **Selenium Web Driver API** and **cucumber** framework to perform Automation Testing
- Performed well in End to End Testing activities creating strategy in collaboration with QA Test Management,
- Involved in preparing Test plan, risk management, monitoring day to day activities, conducting scrum meetings, Creating Test Scenarios, Test cases, Execute Test cases, Report bugs, reviewing the deliverables of testing team, Project Reporting, customer interactions etc.
- Responsible for setting up the environment which involves installation of application software, configuration to connect to backend database and **Jenkins** Job to perform/execute Junit Test Cases on automated daily scheduled basis with email notification of Test Report.
- Used Eclipse IDE, Selenium Web Driver API, **Junit** to develop Automation Test Scripts which are executed in Jenkins environment.
- Developed Test Scripts which are used to perform switch between multiple windows/popup windows boxes and handle Iframes and waits for Ajax calls of Web Application.
- Involved in initial Smoke Testing and providing update to the Team with the Build status.
- Used **REST ASSURED** tool to perform Functional and Automation Testing of REST Web Services deployed in Application Server.
- Responsible for Web Services testing in **SOA** Environment where heterogeneous applications using different platform and language communicate using XML/JSON data format.
- Developed Automation framework for Web Services Testing using SOAPUI Tool. Configured SoapUI project with initial End Points for **REST** Web Service. Used features like Data Source to configure and use input data from File like key-value pair properties file, Excel Sheet and validate Response Data against backend RDBMS Oracle.
- Used **JDBC API** to connect to backend database from SoapUI, Developed Reusable components using Java, JDBC, XML Dom Parser and integrated the component with SoapUI tool. Used the API methods in SoapUI and performed automation Testing.
- Used SQL to retrieve and validate Data in the Backend Database **RDBMS**.
- Used Eclipse IDE to develop Automation Test Cases using Selenium Web Driver API to automate Web Application Testing.

Environment: Selenium Web Driver, AGILE, Appium, Cucumber, Unix, Java, Eclipse, TestNG, Maven, Jenkins, SQL, JIRA, RESTful, Git.

Client: Global Step Pvt Ltd.
Role: Software Test Engineer

June' 2014

Description:

As a Test Engineer worked on mobile and web application testing, including functional and non-functional testing. Responsible for writing and executing test cases. Also responsible for Smoke Testing to test the stability of the built.

- Develop test plans in coordination with product development and create test cases based on the requirements.
- Implement testing plans and test cases and present testing results.
- Quality Management Software Processes utilizing **Jira**.
- Responsible for allocating resources and the daily task to the team members.
- Successfully Lead the **Paramount** Mobile App (localization testing) and implemented before the timeline.
- Consistently praised by management for excelling the overall product quality.

Environment: JMeter, Mantis, Jira, Android, iOS.

Client: Senate System Pvt Ltd

Dec' 2013

Role: Test Engineer

Description:

Worked on B2B web application, including manual and automation testing. Mainly responsible for Performance testing using JMeter.

- Developed Test Cases and Procedures based on User requirement specifications and System requirement specifications.
- Experience in conducting Functional, Regression, System, Integration, Security, GUI and User Acceptance testing.
- Responsible for writing and executing manual test script in **Jira** and Writing and Executing automated web browser test suites using Selenium.
- Tested the Performance of the application by adding 1000 concurrent users using **JMeter**.
- Used **Agile** scrum test methodology and actively participated in the stand-up meeting.

Environment: Selenium, Java, JMeter, MySQL, Jira, AGILE, Eclipse.

ADDITIONAL WORK

FREELANCER

MSRTC BUSES

- It's a video on-demand application which is going to be deployed for the MSTRC travelers.
- Creating, Maintaining and Implementing source code for application module.
- Designed and developed user-friendly website, to improve user bug report.
- Coordinated with system partners to finalize design and confirm requirements.
- Maintained and updated customer websites as needed.

OPEN SOURCE PROJECT

Guru99.com Banking Website

May' 2018

- Created and Executed automation WebDriver test script for the Banking Application like Admin and Customer login, adding new Users and Branch.

- Performed both Negative and Positive test scenarios in Security Testing to break the system and reported it using the manual tool.
- Tested the application for 1000+ users using JMeter.
- Generate Screenshot of test and add verification steps to the scripts.
- TestNG, Selenium, Java.

SELF ACHIEVEMENT

- Report bugs for WhatsApp, Google Allo and many more.
- Got a title of Thinking out of the box while working with Global Step Pvt Ltd.