

PRAJJWAL SUBEDI

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PROFESSIONAL SUMMARY:

- ◆ Test Automation Engineer/SDET 6+ years of professional experience in the field of Software Quality Assurance and Testing with extensive knowledge of Software Automation Framework, Design & Implementation using Selenium Tool.
- ◆ Developed Automation Scripts using open-source tools like Selenium Web Driver, Maven and Jenkins.
- ◆ Extensive experience in crafting test automation framework from scratch
- ◆ Very familiar with implementation and release cycles of Development (DevOps)
- ◆ Experience in working on Page Object Model Design pattern with Hybrid framework.
- ◆ Experience building BDD frameworks using Cucumber, Gherkins, Maven, TestNG, Jenkins and deployment of source code via GIT
- ◆ Implemented Data-Driven test to verify the same functionality with multiple sets of data.
- ◆ Good understand with Web Services and expert in writing test cases and executing Web Services using SOAP and REST protocol on Postman.
- ◆ Performed API testing using Postman tool. Used methods GET, POST, PUT, DELETE etc. extensively to call APIs.
- ◆ Integrated Automation scripts (Selenium WebDriver API) in Continuous Integration tools (Jenkins) for nightly batch run of the Script and followed the CICD process (scale up & running in different salves).
- ◆ Experienced with SOA, Web Services, SOAP, RESTFUL technologies.
- ◆ Responsible for converting automation scripts to new framework using Selenium Web Driver, Java and TestNG.
- ◆ Experienced in using Apache POI to read data from external sources to feed locators into the test script.
- ◆ Experience in generating E-mailable HTML Test Reports using Maven & TestNG.
- ◆ Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium Grid and Jenkins.
- ◆ Experienced in using GitHub as a source repository system.
- ◆ Experienced in using Jenkin as a Continuous Integration server to configure with GitHub and Maven.
- ◆ Created XML based test suit and integrated with Jenkins Server to execute automation scripts on a regular basis by scheduling Jenkins jobs in different test environments with different test configurations.
- ◆ Maintained Selenium and Java Automation Code and resources in source controls like GIT for
- ◆ Experience in Testing Databases of RDBMS in SQL, Oracle, DB2 and SQL SERVER.
- ◆ Proficient in Defect management, including Defect creation, modification, tracking, and reporting using JIRA.
- ◆ Verified requirements coverage by conducting walkthrough meetings of test plan and scenarios with business analysts, project manager and team lead.

TECHNICAL SKILL:

Testing Tools: Selenium Web Driver, Selenium Grid, TestNG, log4j, Jenkins, JIRA

Postman, Maven, Git.

Languages: JAVA, Python, JavaScript, HTML

Process & Methodology: Agile scrum

Database: Oracle, MySQL, DB2, MongoDB.

Dev Environment: Python, Django, Java, PHP, Ruby

Academic Qualification:

Master of Science in Information Technology, University of People

Bachelor of Business, King's Own Institute

Certifications:

Python for Everybody Specialization - University of Michigan on Coursera
Python Data Structures - University of Michigan on Coursera
Programming for Everybody (Getting Started with Python) - University of Michigan on Coursera
Python and Django Full Stack Web Developer

PROFESSIONAL EXPERIENCE:

Software Development Engineer in Test

Apartments.com, Washington, D.C

December 2022 -- Present

Roles and Responsibilities:

- ◆ Worked in agile scrum methodology. Attended Daily standup meetings.
- ◆ Created automation test scripts using data driven framework and Page Object model to test the web applications using Selenium WebDriver with JAVA and maven.
- ◆ Developed automation frameworks using java, selenium and maven.
- ◆ Prepare Test design approach by discussing within the team and with Developers.
- ◆ Used Page Object Model, UI Mapping, Selenium Data Driven using CSV, CSS Selectors as a part of Framework.
- ◆ Execute browser compatibility and regression tests using Selenium WebDriver for testing UI for every new build release.
- ◆ Develop Selenium scripts in TestNG for parameterization using Data Provider annotation.
- ◆ Used Git to maintain different version of the automation scripts.
- ◆ Involved in Testing of REST API Web Services using REST plug-in and Postman tool.
- ◆ Performed BDD (Behavior-Driven Development) with Data Driven Test Automation Framework using Cucumber Features, Scenarios and Step Definitions in Gherkins language.
- ◆ Generated automation scripts for Web Services for both REST and SOAP using JAVA and REST Assured.
- ◆ Created and executed API Test Scripts to test Restful Web Service
- ◆ Used log4J to generate different logging for every step of tests.
- ◆ Code review of Selenium Automation scripts
- ◆ Executed the selenium test cases locally, on VM machines and using Selenium GRID.
- ◆ Performed Data driven testing using Selenium WebDriver, TestNG functions and JDBC Connections which reads data from scripts using property and data files.
- ◆ Used MAVEN to build and run the Selenium automation framework, Once the script got over, framework used to send the automation reports over email.
- ◆ Perform Sanity test for all integrated components to test application and to be able to determine its eligibility for further regression testing.
- ◆ Used build management tool Apache Maven for automation project build.
- ◆ Detected Defects, communicated to the developers using Bug Reporting Tool and Tracking the Defects using JIRA.
- ◆ Involved in executing all Selenium test scripts on different browsers and checked for compatibility.
- ◆ Responsible for keeping up with the test schedule and interacting with software engineers to ensure clear communications on requirements and defect reports.
- ◆ Proficiency troubleshooting web page issues using browser-based developer tools.

Environment: Java, Selenium WebDriver, TestNG, Jenkins, Fire Path, Firebug, Eclipse, HTML, XML, XPath, Quality center, Internet Explorer, Chrome, Oracle and Windows.

Test Automation Engineer

General Motors, IL

July 2020 -- December 2022

Roles and Responsibilities

- ◆ Worked on an agile development environment – consisting of many iterative releases with extensive co-ordination between the developers, testers and the business analysts.
- ◆ Extensively automated Regression and functional test suites using Selenium web driver and TestNG Annotations.
- ◆ Responsible for converting automation scripts to new framework using Selenium Web Driver, Java and TestNG.
- ◆ Wrote Selenium Script for taking screenshot and used Selenium Actions class to handle mouse movements and hover- over actions on Web Elements.
- ◆ Wrote test scripts using Selenium WebDriver to create Data Driven, Batch tests and performed Exception Handling.
- ◆ Used Maven, Selenium Grid to execute Selenium automation suites on different platform, browser combinations in parallel.
- ◆ Expertise in grouping of test suites, test cases and test methods for regression and functional testing using TestNG Annotations like Groups, Parameter, Data Provider and Tags.
- ◆ Utilized Maven to manage dependencies for test execution, plug-ins and created profiles of grouped test cases to run sanity and regression testing.
- ◆ Integrated Jenkins with version controller (GIT) and scheduled builds to run automatically during a build release by invoking predefined maven commands.
- ◆ Used Linux/Unix commands for using GitHub through cmd.
- ◆ Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium Grid and Jenkins.
- ◆ Practiced Agile Scrum and deliver test automation on time
- ◆ Take necessary actions to ensure the build quality. Coordinates integrated testing activities.
- ◆ Involved in Audit meetings and got an initiative to reach QA testing goals.
- ◆ Tested compatibility of application/site with Internet Explorer, Firefox and Safari
- ◆ Participated in Daily Scrum meeting, Stand-up meeting, walkthrough meeting, weekly assessment meetings with business analysts and developers.

Environment: Jira, Selenium Webdriver, TestNG, Oracle, Java, Ruby on Rails, HTML, XML, SQL, Windows and Linux.

QA Engineer

Bank of New York, NJ

January 2018 – June 2020

Roles and Responsibilities:

- ◆ Executed Manual and Automated tests and reported defects by running automated tests;
- ◆ Reviewed results of all tests and reported anomalies into the defect tracking database;
- ◆ Created and enhanced numerous test scripts to handle changes in the objects, in the tested application's GUI and the test environment using Selenium WebDriver, TestNG.
- ◆ Developed Automation scripts for new enhancements using Selenium WebDriver and TestNG.
- ◆ Regression test cases were written and automated using Selenium WebDriver.
- ◆ Created Modular Driven Automation Framework from the Scratch
- ◆ Automated Web Application Testing using Java Selenium framework in an Agile environment.
- ◆ Involved in test cases review by development team, product management and modified the test cases based on their feedback
- ◆ Created XML based test suit and integrated with Jenkins Server to execute automation scripts on a regular basis by scheduling Jenkins jobs in different test environments with different test configurations.
- ◆ Created test cases, scripts based on functional specification, prepared test data for simultaneous and combined Trade testing.
- ◆ Responsible for updating and maintenance of existing selenium scripts.
- ◆ Created positive and negative assertions based on the business requirements
- ◆ Used Jenkins as continuous integration tool to schedule and run the automated test scripts
- ◆ Used Git for Build Management for each release, QA, Integration and staging environments.
- ◆ Actively participated in daily Scrum meetings and involved in bi-weekly Sprint releases.

Environment: Java, Selenium WebDriver, JUnit, Jenkins, Fire Path, Firebug, Eclipse, HTML, XML, XPath, Quality center, Internet Explorer, Chrome, Oracle and Windows.