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**SUMMARY**

PRITENDAR SINGH

* 10+ years of professional experience in testing with extensive knowledge of **Automation Framework Design** & **Implementation using Selenium Tool**
* Experience in **Manual & Automated Testing of GUI** and functional aspects of Client - server and Web based Applications on multiple levels of **SDLC** and **Software Testing Life Cycle (STLC).**
* Good Knowledge of Object Oriented **programming Concepts(OOPS) and Java Skills**
* Good experience in creating test scripts using **WebDriver, Selenium RC, Selenium-IDE, Selenium Grid in Java.**
* Experience in **Functional**, **Regression** and **System** testing using Manual and Automated testing tools - **selenium WebDriver**.
* Experience in automating test cases using **TestNG, Junit** and **Cucumber QUnit, NUnit, TFS Coded UI** scripting and execution
* Experience in using **Maven and POM to help manage project's build**, report and documentation across the network.
* Good exposure to  **Jenkins Sever for automatic test executions and scheduled builds to provide CI (Continuous Integration). Using Jenkins published results and sent email notifications to all the team members.**
* Experience in User Acceptance Testing, Unit Testing, System, Integration, Smoke, Functional, Back-end, GUI Testing, Regression and Performance testing.
* Excellent knowledge on different testing frame works like **Data Driven, Keyword Driven and Hybrid frame works.**
* Extensive experience in reviewing and analyzing Business Requirements and creating **Test Plans, Test Cases, Test Scripts, Test Estimation& Requirement Traceability Matrix.**
* Professional expertise in **Smoke Testing, backed end Testing, Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, Positive/ Negative Testing, System Testing**, Regression Testing, GUI Software Testing, Ad-hoc Testing, Cross Browser/ Cross Platform Testing, UI Validation, Webservices, Boundary Value Testing.
* Experience in providing the efficient locators like **XPath and CSS to run Web Driverscript** in stable condition.
* Strong experience with **SOA architecture which include SOAP Web Service** and Restful Web Service Testing.
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation **steps using HP ALM, Quality Center, and JIRA.**
* Worked on Cross browser testing, browsers like **Mozilla Firefox, Google Chrome** and IE using **WebDriver**.
* Familiar with **C++, Inter Systems CACHE, Oracle, HTML, XML.**
* Expertise in implementing testing strategies for the entire **Oracle EBS** implementation.
* Experience in **Software Verification and Validation based on Testing Methodology.**
* Extensively worked on **Java/J2EE** technologies including core **Java 1.6, Junit 4, Ant, maven, Apache Tomcat, Jakarta Struts, Spring, Hibernate, Swing, Applet, Apache Tomcat, PL/SQL /Selenium Grid**
* Extensive working knowledge in **UNIX, SQL .Python** and **Windows platforms**
* Ability to work in a fast-paced, deadline-driven environments
* Experience in automation technologies like, **Chef, Puppet, Rundeck Jenkins, /RC/Webdriver, Maven, Ant, Junit**

**EDUCATION**

* B.S. in Computer Science - Columbia University – 2009 (WIP)

**TECHNICAL SKILLS**

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| --- | --- |
| Testing Tools | Selenium IDE, Selenium WebDriver, Eclipse, Maven, TFS - Coded UI, SQL Server, Visual Studios 2005/2008/2010, RC/IDE/GRID |
| Bug Reporting Tools | Quality Center, Clear Quest, Rally |
| Operating System | Windows 7/XP/2000, UNIX linux |
| Project Methodologies | SDLC, Agile Scrum, Waterfall, V-Module |
| Languages | SQL, C, c ++, core Java, J2EE, python |
| Database | Oracle, SQL server, PLSQL |
| Web Technologies | C, C++, HTML, XML, XHTML, DHTML, Java, python, ASP.Net, Java Script, SOAP UI |
| Build/CI/BDD Tools | Ant, Maven, Jenkins |
| Test Frameworks | Junit, TestNG, Maven, Jenkins, Postman |

**PROFESSIONAL EXPERIENCE**

**Sr. Selenium Automation Tester OCT 2018 - CURRENT**

**Rakuten USA, Inc., San Mateo, Ca**

**Responsibilities:**

* Proficient Knowledge of all stages of **Software Developmental Life Cycle** (SDLC) and software testing life cycle (STLC) and using **Scrum software developmental methodologies in AGILE**.
* **Determined testing requirements developed** and reviewed scripts for positive and negative test scenarios, conducted baseline testing, and generated reports.
* **Developed Test plan, Test case based on the user requirements** and system requirements document for functional, Regression, WhiteBox, Black Box and Back end testing.
* Report and track defects found during the execution of manual test cases in Quality Center ALM.
* Migrated **all QTP automated test to Selenium WebDriver**.
* Participated in sprint grooming sessions & discussed the scenarios & use cases with the development team.
* **Analyzed application, system, and security errors.** Escalated issues to developers and verified fixes.
* Work closely with the **Business Analysts, assisted in identifying and resolving complex** **technical issues.**
* Used **Selenium Webdriver for Regression testing and Performed Data driven testing**, designed verification points to validate the data and develop effective Automated Test Scripts.
* CSS/HTML/Navigation/JS/Cookies/Browser and OS Compatibility/Webpage performance to validate **end-to-end automated testing and debugging using Selenium IDE**.
* Extensive testing of browser content and compatibility Tested compatibility of application using HTML IDs and XPath in Selenium.
* **Created Test Scenarios and planned and executed** both positive and negative test scenarios.
* Worked closely with Production Managers, Technical Managers and Business Managers in planning, scheduling, developing, and executing performance tests.
* Designed test plans and **defined cases for functional, integration system, and user acceptance** testing. **Environment**: Selenium Webdriver, SWIFT. TestNG, Maven, Java, Eclipse IDE, SOA, SOAP, REST API, SQL, JDBC API, HTML, XML, GUI, QC

**Ford Motor Company, Dearborn, MI OCT 2015 – SEPT 2018**

**Sr. Automation Test**

**Responsibilities:**

* Involved in **analyzing Business Requirement Documents** and **Technical Specification document** and developed test plan and test cases for testing the application.
* Tested independent and dependent modules individually and prepared **Test Matrix** to keep track of the requirements and the test cases.
* **Defined, developed, and executed automation test scripts using Java** that leverage black and white box testing across functional, non-functional and performance testing.
* Used **HP ALM/Quality Center for maintaining Test Cases** and for Defect Tracking and Defect Reporting.
* **Created automation framework** in **Page Objects design** and **page navigation framework** for readable test script and easy maintenance from developer perspectives.
* **Developed Informatica Workflows** and sessions associated with the **mappings using Workflow Manager.**
* **Developed test automation framework scripts using Python Selenium WebDriver**
* Integrated **Automation scripts** (Selenium WebDriver API) in **Continuous Integration tools** (Jenkins) for nightly batch run of the Script. Created Project plan on **Jenkin**s, configured scheduled using **Chronos job.**
* Provide technical support to **ETL applications on Informatica 10/9.6.1, UNIX and Oracle 11g.**
* Developed test automation scripts using **Selenium WebDriver** for regression and performance testing of the various releases of the application.
* Performed manual testing of each build and then **regression testing using Selenium WebDriver.**
* Worked on **Cross Browser testing through Selenium WebDriver** by testing the website on different browsers like Chrome, IE and Firefox.
* Developed Test Framework in Selenium for **UI Regression Test Automation** and when necessary, and potentially **execute Unit Test automation** (Java).
* Developed data driven test scripts to check the same functionality with multiple sets of data
* Used **TestNG Annotations in Selenium WebDriver** and executed a batch of tests as **TestNG suite**
* **Ran workflows created in Informatica by developers** then compared before and after transformation of data generated to ensure that transformation was successful.
* Creating and executing SQL queries to perform Data Integrity testing on an **Oracle Database to validate and test data using TOAD.**
* Developed Selenium scripts in TestNG for parameterization using **Data Provider annotation.**
* Conducted **System Testing and User Acceptance Testing** for every client and Conducted Backend testing writing extensive SQL queries
* Review and understand the **ETL processes, functionality & identify test requirements and coverage.**
* Involved in documentation as to how to maintain and run scripts for future enhancements. Responsible for **testing the application** against different environments in **QA, staging and production**
* Analyzed the business requirements, developed test plans and created test cases in **Quality center, a test management tool**
* **Environment: Java, Selenium WebDriver, TestNG, HP ALM/Quality Center, Jenkins, SoapUI, Java Script, SQL Server, IE, Firefox, Chrome, WebLogic, Windows, UNIX.**

**Premier Healthcare Alliance, Washington, D.C. JULY 2013 – NOV 15**

**Automation Test Engineer**

**Responsibilities:**

* Responsible for writing and maintaining **Selenium WebDriver scripts for regression and functional testing using data driven framework.**
* **Implemented Page Object Model framework with Python and Selenium**
* **Worked extensively on the Netezza framework on Windows platform and contributed to building the customized ELT framework using Shell scripting**
* Worked on **Informatica Power Center 8.6.1 tool -** source analyzer, warehouse designer, mapping designer, workflow manager, mapplets, and Reusable Transformations.
* Setup the **Automation framework using Selenium** to run test cases in multiple browsers and platforms.
* Validated **PL/SQL and ETL batch processes** that are scheduled using Control M.
* Involved in design and implementation of **Selenium WebDriver automation framework** for smoke and regression test suites (TestNG).
* Involved in testing the application utilizing the **Scrum (Agile) methodology**.
* Involved in learning and designing of automation framework to be used in **UI testing** with **Selenium**.
* Execute browser compatibility and regression tests using Selenium WebDriver for testing UI for every new build release.
* Designed and developed **UNIX shell scripts as part of the ETL process, automate the process of loading, pulling the data.**
* Tuned ETL jobs/procedures/scripts**, SQL queries, PL/SQL procedures to improve the system performance**
* Worked as **ETL Tester responsible for the requirements / ETL Analysis, ETL Testing** and designing of the flow and the logic for the Data warehouse project.
* Created test plans and performed unit testing for the Informatica mappings.
* Tested ETL Informatica mappings and other ETL Processes (Data Warehouse Testing)
* Reduced manual testing to **convert test case to Automation using Selenium web Driver**
* Experienced in using **Maven build tools** to manage framework dependency jar files.
* Expert in using **Git / GitHub/Bit Bucket** as a source repository system.
* Skilled in using **Jenkins** and **AWS Bamboo** as a **Continuous Integration / Continuous Deployment tool.**
* Developed Automation scripts for new enhancements using Selenium **WebDriver and Junit.**
* Supported **Linux servers** in production/QA/Deployment environment.
* Good Knowledge in using **JIRA** for **tracking, analyzing and documenting defects**.
* Identified defects during test executions, logged them into Quality Center's Defect module for bug tracking and generated defect reports.
* **Environment: Java, GIT/ Bitbucket, Bamboo/Jerkins, Maven, TestNG, Eclipse, Selenium, Jira, REST API.**

**Performance Tester/Automation Test Engineer JAN 2010 – APRIL 2013 \**

**SafeNet, Inc., Belcamp, MD**

**Responsibilities:**

* Use **HP LoadRunner/Performance Center 11.5, VTS**, HP Site Scope and HP Diagnostics Software, Web Services, Java, TruClientAjax, .Net and Oracle-2 Tier protocols
* Design and Implement automated **performance/load test strategies and test frameworks to support healthcare software project testing efforts**
* Analyzed business requirements and functional documents, created the test strategy document that define the test environment, phases of testing, entrance and exit criteria into different phases of testing and resources required to conduct the effort.
* Developed custom libraries for **automation using JAVA and Selenium WebDriver.**
* Developed Selenium Automation framework – Created a hybrid framework (Keyword and Data driven) on Selenium using TestNG.
* Automated the Test cases using **Selenium for Regression testing and TestNG for grouping the tests.**
* **Configured Maven for JAVA automation projects** and developed Maven project object model (POM).
* 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.**
* Create reports with **SQL Server Management Studio**. Convert X12 and XML files using Informatics Complex Data Exchange and Data Quality(IDQ)
* Administer QA Lab PC’s and UNIX.
* Develop and automate Web Services API testing using SoapUI frameworks

**Environment**: Java, C++, UNIX, SQL Server, Quality Center, Jira, .NET, HTML, XML