**PARAMESH.B**

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**PROFESSIONAL SUMMARY**

* 7+ years of Experience in **Selenium Automation Testing** and JAVA/J2EETechnologies and involving in all phases of Software Development Life Cycle such as **Analysis, Design, Development, Testing, implementation and maintenance** of software applications
* Experience on complete Software Development Life Cycle (SDLC) in enterprise, web-based, Service Oriented Architecture (SOA) and client/server applications with models like **Waterfall, Scrum and Agile Methodology.**
* Worked extensively in **Selenium, Java, Groovy, HTML,** Have knowledge in **Spock, Geb, Sikuli, Ranorex, Hibernate and Spring, Selenium Web Driver, Firebug, Fire Path** framework.
* Experience in Software testing life cycle including as **API Testing, Functional Testing, Integration Testing, Regression Testing, Performance/ Load Testing, System Testing, Smoke, Sanity and User Acceptance Testing**.
* Software **Quality Assurance** and Programming experience in Retail, Healthcare, E-Commerce, Insurance and Telecommunication industries in Manual and Automation Testing by Agile/Scrum and Waterfall development models (**Black Box, White Box** and **Gray Box** Testing on Web – based applications**, API testing**).
* Experience in applying Testing Methodologies, creating Test Plans, Executing & Automation of Test Cases, Bug Tracking and Report Generation.
* Experience in writing automation test scripts using **Selenium IDE/WebDriver/RC** tool with Java.
* Developed **REST** architecture based **Webservices** to facilitate communication between client and servers.
* Experience in working with open source tools **Selenium** (Selenium IDE, Selenium Web Driver, **Test NG, JUnit**), Eclipse and preparation of automation test framework.
* Experienced in **Jenkins** build tool using **Groovy** DSL's and manual builds
* Used **Gradle** as the source code management tool for the java application.
* Extensive experience with **SQL, PL/SQL** programming and tuning the queries on **Oracle**.
* Used Defect Tracking System like **JIRA**, **QC, VersionOne** to report, track & update defect status.
* Developed automation scripts using Selenium Web Driver, Geb, Spock and Groovy to automate the testing of various products.
* Extensive Experience working on Version Controls such as **GIT, SVN,** and **TFS.**
* Proficient in working with **Eclipse** and **IntelliJ IDEA 14CE**.
* Experience in Web Testing technologies – XML, HTML, Java Script and AJAX.
* Ability to learn and master new technologies and also to deliver outputs in short deadlines.
* Good communication and inter personnel skills and team player.

##### TECHNICAL SKILLS:

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| **Languages** | **:** | **Java, Selenium, Groovy, SQL, C, C++, JavaScript,** |
| **Web Technologies** | **:** | **J2EE, Servlets, JSP, JDBC, Selenium WebDriver, Firebug, FirePath, RESTFUL and SOAP Webservices.** |
| **Frameworks** | **:** | **Spock, Struts, JSF, Spring, Geb , JSON,** |
| **Testing Tools** | **:** | **Selenium IDE/RC/Grid, JUnit, JMeter, Sikuli, Ranorex.** |
| **Bug Tracking Tools** | **:** | **JIRA, Quality Center, VersionOne.** |
| **Markup Languages** | **:** | **HTML, XML, CSS** |
| **IDE/ Tools** | **:** | **Eclipse, MyEclipse, Selenium IDE, IntelliJ IDEA 14CE, RAD** |
| **Database Server** | **:** | **Oracle 8i/9i/10g, SQL Server, MySQL, MS-Access** |
| **Methodologies** | **:** | **OOPS/OOAD, UML, Design Patterns** |
| **Version Control Tools** | **:** | **GIT, SVN, TFS.** |
| **Operating System** | **:** | **MAC, Windows 98/XP/2000/03/07** |
| **Browsers** | **:** | **IE, Mozilla, Firefox, Safari, Chrome** |

**PROFESSIONAL WORK EXPERIENCE:**

### Mar’16 – Till Date

### Thomson Reuters, Eagan, MN

1. **Quality Assurance Engineer**
2. **Project**: **JWB Summary Regression**
3. **Responsibilities:**

* Actively involved in **Design, develop, deploy, execute**, and **maintain** automated tests. And Gather, document, understand user requirements and acceptance criteria in collaboration with development and business.
* Involved in Create and extend systems to allow for **flexibility**, **stability**, and **scalability**, while preserving existing functionality and Return on Investment (**ROI**).
* Delivered the creation of test automation with IU tools such as **Selenium** and **Ranorex**, and **Sikuli**, and coding languages and frameworks such as **Java** and **Spock**.
* **Suggested** and done **POC** on **Sikuli** for Adobe **Flex** application.
* Created the new automation project from scratch for the current existing application with **Selenium** and **Sikuli**.
* Provided the test estimates and timelines. Effectively balanced and prioritized multiple deliverables concurrently. Timely communicated the status to project leaders.
* Involved effectively with team environment and other **testers**, **PMs**, **developers**, **business** users, and internal technical contacts.
* Recognized and communicated the opportunities to add value and efficiency of testing through the application of technology solutions; innovate.
* Created and maintained software testing **infrastructure** and **environments**.
* Diagnosed and resolved the technical and operational problems on installed networks, systems or products.
* Provided technical leadership to the project for decisions, best practices, and industry trends, and provided technical knowledge to team members.
* Escalated software process or quality issues to leadership. Kept efforts for continuous improvement and **sustainability**.

**Environment:** Selenium, Selenium Web Driver, Sikuli, Ranorex, Java, Spock, Geb, Groovy, RESTFUL, HTML, XML, Adobe Flex, TFS, XPath, Eclipse, Firebug, IntelliJ, SQL, Oracle, Windows

### Oct’14– Jan’16

**Target Corporation, Minneapolis, MN**

**Sr. Automation Engineer**

1. **Project**: **Browse Selenium and Browse Test**

**Responsibilities:**

* Actively involved **with SCRUM** and sprint meetings, managing product backlog, removing obstacles to progress, re-allocating resources where necessary, prioritizing and review milestones and accomplishments.
* Extensively used **Selenium Web Driver** to test the web application. Developed and implemented robust **MVC** pattern base testing with Selenium WebDriver, which cut down the script development time in half.
* Used **Spring MVC** (Model View Controller) to handle/intercept the user requests and used various controllers to delegate the request flow to the Backend tier of the application
* Configured **Selenium WebDriver**, TestNG, Maven tool and created **Selenium automation scripts in java using TestNG prior to agile release.**
* Developed unit test cases using **Jmock** and **Spock** specifications.
* Used Spock as the testing framework to write **unit** and **integration tests**.
* Developed automation scripts for functional testing and Data driven testing of the application using Selenium.
* 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.**
* Experienced in Jenkins build tool using **Groovy** DSL's and manual builds
* Written **Grey box and Black box test cases** based on the User and Business Requirements.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using **Selenium Grid and Jenkins.**
* Extensively used **Selenium IDE** to record, playback and debug individual test cases, using Selenium WebDriver provided more flexibility in automating test cases.
* Implemented Regression and **Smoke tests** execution as separate step of deployment process by using **WebDriver.**
* Developed **Gradle** scripts for creating the ear and to handle all the dependencies of the application.
* Developed automation scripts using **Selenium Web Driver, Geb, Spock** and **Groovy** to automate the testing of various products.
* Extensively used Selenium (**XPath and CSS locators**) to test the web application.
* Performed **SOA / web services** testing using **SOAP UI**.
* Functional and Cross Browser testing of Defined Browser Stack of the site experience Defect Triaging and Release sign off for Continuous Delivery cycles.
* Writing complex **SQL queries** and update transaction and properties for accounts on stages for **UI testing, Integration testing with different data points etc.**
* Participated in daily, weekly meetings and technical reviews. Prepared reports showing the testing efforts.

**Environment:** Selenium, Selenium WebDriver, Java, Spock, Geb, Groovy, TestNG, Gradle, Jenkins, Soap UI, Spring MVC, Rest, HTML, XML, Git, XPath, Eclipse, Firebug, IntelliJ, SQL, Oracle, Windows

**Jun ‘13 – Sep ‘14**

**Princess Cruises, Valencia, CA**

**Sr. Selenium Automation Engineer**

**Project: TARP (Testing Administration and Reporting Performance)**

**Responsibilities**:

* Conducted **Automation/manual** testing using the Standards, guidelines and structured methodology in testing the application. Analyzing Business Requirement/Features and preparing the Test conditions in **HP Quality Center**.
* Preparing Test Scenarios based on **RSM (Requirements Specification Matrix).**
* Develop test scripts using **Selenium Web Driver, ample use of Firebug to map HTML pages and Selenium to document reports, test results. Use of "Parameterization" techniques for a "Data driven" test. All development was done under Eclipse IDE.**
* Web Services automation for manual and Automation both. Automation using **TestNG** and **Selenium**.
* Documented and executed Test plans, Test cases and Test scripts based on business requirement document.
* Developed QA processes automation test scripts using **Python/Selenium** to test Web based user interfaces for different type of browsers. Validated the data from Front End to Back End tables in **Oracle Database**
* Extensive experience in **JAVA programming for JAVA automation/Performance testing**
* End to end execution of automated scripts, Test Result analysis.
* Prepared test cases for the system covering SRS document, design document, reviewing them with the developers and finalized the test cases.
* Developed automation test cases, executed these test scripts from test lab and logged defects in **JIRA/ALM.**
* Extensively used **Selenium IDE** to record, playback and debug individual test cases, using **Selenium WebDriver** provided more flexibility in automating test cases.
* Involved in Testing in **Agile** Development Environment. Using **TDD and ATDD approach.**
* Validated web services manually and through automation using **SOAP UI**.
* Involved in extending the company’s Selenium automation library.
* Performed Mobile Testing and Automated Mobile Simulator using **QTP 11.0.**
* Tested extensive backend testing using SQL Queries to retrieve the data from the database and checked data integrity.
* Performed End-to-End testing manually and was associated with **User Acceptance Testing**.

**Environment:** Selenium, Selenium IDE, Python, Java, Selenium Web Driver, SQL Server, JIRA, MS Excel, Spock, Groovy, Geb, HTML, Windows, MS Office, JAVA, Unit Testing, TestNG, JQuery, Maven, Eclipse, SOAP UI, Oracle.

### Jan‘12– Jun ‘13

**Prime Therapeutics, Eagan, MN.**

**Automation Analyst**

1. **Project: Customer Center Application**

**Responsibilities**:

* Configured **Selenium WebDriver, TestNG, Maven** tool and created **Selenium automation** scripts in **java** using **TestNG** prior to **agile** release**.**
* Interacting with business stakeholders and subject matter experts to understand requirements, Analyze and translate them into technical specification.
* Designed, executed and maintained Selenium Web Driver, **JUnit, automated** test cases for **regression** test cases
* Used automated scripts and performed functionality testing during the various phases of the application development using Selenium.
* Followed, Scrum Agile Software Development methodology for the implementation which is based on “**Develop quickly, deliver often**”.
* Involved in Requirement Analysis and Design of the Applications and involved in System Integration.
* Extensive experience with **SQL, PL/SQL** programming and tuning the queries on Oracle.
* Performed version control activities using **Clear Case and SVN.**
* Involved in **coding & unit testing phases**, preparing Test Plan & Test data.
* Testing the code changes at functional and system level.
* Worked with Selenium Web Driver, **Selenium commands**, Web Services (SOAP UI, RESTFUL).
* Analyzed the current legacy screens and described their behavior as a set of **Behavioral driven (BDD) scenarios.**
* Automated unit test and screen flow tests to speed up testing of various screens and validate business rules.
* Conducting the team related activities, interviews, technical sessions, meetings and group discussions.

**Environment**: Java, Selenium, Selenium (IDE and Web Driver), Selenium RC, Oracle, My Eclipse, JavaScript, HTML, CSS, Agile Methodology, SVN, Maven, Hibernate, Spring, MVC, Beyond Compare, Quality Centre, Unix shell scripting, Git.

### Feb ’09 – Nov ‘11

### Indian Meteorological Department (IMD), INDIA.

**QA Analyst/Java Developer**

### Project: Development of Marine Geo-Physical Database (NCAOR)

**Responsibilities:**

* Developed **Web Pages** for User Interface using **Java / J2ee Technologies**
* Retrieved data from database by calling procedures and displaying it.
* Developed a java application to extract **rtf data** from server
* Used Selenium (**XPath and CSS locators**) to test the web application.
* Integrated the web pages and **deployed**.
* **Tested** the code changes at functional and system level. Ensure availability of document/code for review
* Implemented **Regression** and **Smoke test**s execution as separate step of deployment process by using **WebDriver.**
* Converted the entire **JSP web pages** of the site into **JSTL.**
* Involved in **coding & unit testing phases**, preparing Test Plan & Test data
* Experience in writing automation test scripts using **Selenium IDE/WebDriver/RC** tool with Java.
* Fix problems discovered that are within the existing system functionality (Preventive Maintenance).
* Involved in modifying the code to prevent the problems from occurring in future (Preventive Maintenance).
* Involved in designing activities creating styles and **style sheets** for the web page accordingly.
* Involved in backend activities such as building **queries**, procedures and functions.
* Addressed the integration issues of the different modules of the application.

**Environment:** Java, XML, Selenium, Spring, MVC, My Eclipse, JavaScript, Oracle Application Server, Unit Testing, Rest, HTML, CSS, SVN and Oracle.

**EDUCATION**

Bachelor of Engineering in Computer Science, JNTU, Hyderabad, India.