# RACHANA THAKUR

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**Professional Summary**

* Have around 7 years of experience in quality assurance and testing of Software systems for various applications.
* Excellent understanding of Software Development Life Cycle (SDLC), Software Test Life Cycle (STLC) and Test Methodologies.
* Quality Assurance expertise includes experience in Functional, Smoke, Integration, Regression and Database testing.
* Extensive Experience in **manual** and **automated** testing using **Selenium.**
* Java coding experience in Eclipse IDE for functional testing and regression testing for web based applications.
* Excellent knowledge in writing unique xpaths using firebug and fire path to identify web elements.
* Developed Selenium Web Driver script using Java program in Eclipse IDE
* Generated test coverage report using Test NG framework.
* Used Selenium Grid to run automated scripts on multiple browsers simultaneously.
* Expertise in load testing using Load Runner.
* Proficiency in using Windows Operating Systems.
* Experience in using various MS Office Products (Excel, Word, Power point, Outlook, Access).
* Knowledge in object oriented programming.
* Ability to work on multiple tasks and deliver the results within estimated budget and time.
* Excellent verbal and written communication skills combined with interpersonal and conflict resolution skills and possess strong analytical skills.

**TECHNICAL SKILLS**

**Testing Tools**: Selenium IDE, Selenium Web Driver, TestNG and JUnit.

**Operating Systems**: Windows 7/Vista/95/98/XP/NT.

**Browsers**: Firefox, Internet Explorer, Chrome, Safari.

**Databases**: RDBMS Databases like SQL Server, MYSQL.

**Languages**: C, Java, PL/SQL, JavaScript, HTML, XML.

**Software Methodologies**: Agile, Waterfall model.

**Office Tools**: MS Power Point, MS Word, MS Excel, MS Outlook, MS Access.

**Testing Tools:** Selenium IDE, LoadRunner.

**Others:** Eclipse, Firebug, Putty.

**PROJECT EXPERIENCES:**

**Client: DirecTV, El Segundo, CA Oct 2012 – Till Date**

**Role: Selenium QA/Functional Tester**

**Description:** DIRECTV is one of the world's leading providers of digital television entertainment services delivering a premium video experience through state-of-the-art technology, unmatched programming. Project involved automation testing of front-end, functional and other Quality Assurance efforts for Directv.com website.

**Responsibilities:**

* Testing of new features by creating test specifications, test cases, and working closely with development and business teams.
* Define, develop, and execute automation test scripts using Java that leverage black and white box testing across functional, non-functional testing
* Developed automated scripts using Selenium Web Driver, Java, JUnit and TestNG in Eclipse IDE to perform functional and regression testing for web based applications.
* Used TestNG to generate test execution result in HTML format.
* Written automated scripts with xpaths to identify web elements such that most of the browsers can be used.
* Executed scripts on multiple browsers simultaneously using Selenium Grid.
* Ran regression scripts to ensure that the existing features are working fine.
* Communicate testing status to QA lead, project managers, and cross-functional teams who are involved in User Acceptance Testing.
* Interacted with the development team to validate the scope of fixing the bugs.

**Environment:** JAVA, MySQL, Selenium Web Driver, Selenium IDE, Eclipse IDE, TestNG, JUnit, IE, Chrome, Firefox.

**Client: Target, Minneapolis, MN Nov 2011 – Sep 2012**

**Role: QA Analyst**

**Description:** Target is one of the premier retailers in United States. Its retail stores and internet web sites sell a range of merchandise, including women’s, children’s, and men’s apparel and accessories. It also sells home furnishings and other consumer goods. The project involved implementation of Customer Order Management System. Web based Customer Order Management System is a prepackaged composite application that streamlines and automates creating, managing, and coordinating customer orders and related customer order information.

**Responsibilities:**

* Analyzed the requirements and design documentation.
* Worked as Black Box tester on the software modules, documented test cases and results in the standard templates of MS Word and MS Excel
* Used Selenium to create test scripts for functional testing
* Proficient in Functionality Testing, Black Box Testing, System Testing, Integration Testing, Regression Testing and Performance Testing
* Developed and documented Standard Testing Procedures for both manual and automated testing
* Developed and enhanced scripts using Load Runner.
* Performed Load and Stress testing using Load Runner to check the performance of the application.
* Keep track on the SDLC path.
* Worked closely with the software development team.

**Environment:** Selenium IDE, MYSQL, MS Word, MS Excel, Java, HTML, XML, Load Runner.

**Client: Spring Ahead, San-Francisco, CA July 2010 – Nov 2011**

**Role:Test Analyst**

**Description:** Spring Ahead features online time entry and approval, generates accurate, detailed invoices and gross payroll, and has unparalleled integration with QuickBooks and other systems. The project involved was to test and automate the new product of Paperless time and expense tracking systems.

**Responsibilities:**

* Performed black Box Testing, Regression Testing, Manual Testing, Functional Testing, Usability testing.
* Involved and executed Unit, Integration, System Testing for Web based applications.
* Executed Browser Compatibility Testing(IE, Firefox, Chrome) of Web based application.
* Gather requirements from Business Analyst and analyze the requirements for testing.
* Prepared test strategies based on requirements, developed test plans and test cases and executed test cases.
* Participate in daily and weekly defect meetings and risk meetings.

**Environment:** MS Excel, Chrome, Firefox

**Client: BA Continuum India (BACI), Hyderabad, India Aug 2007 – May 2010**

**Role: Technical Associate**

**Description:**DerivMatch is a middle office application which matches the over the counter trades made by the traders all over the world. Bank of America captures all the trades made by their traders for risk management. Testing of this application involves testing all the features that capture all the details of the trade like interest rate, notional value.

**Responsibilities:**

* Worked as a manual tester for BofA's middle office application called DerivMatch.
* Interacted with business and developers to create valid test cases and test scenarios.
* Performed Smoke testing of the application from end-to end for testing different functionalities and database mapping issues.
* Managed and reported bugs using BugZilla.

**Environment:** BugZilla, SQL, MS Excel