**Gaurab Luitel**

[**gaurab.luitel@gmail.com**](mailto:gaurab.luitel@gmail.com) **| 513-593-8029**

**Summary:**

* About 6 years of strong Software Quality Assurance and Software Testing experience in Web and Client Server environment.
* Excellent understanding of the complete software development lifecycle (SDLC).
* Extensive experience in QA methodologies, preparing Test Plans, writing Test Cases and executing them; performed Defect Reporting and Tracking throughout the entire defect life cycle of various Web Based applications.
* Experience in implementing Web automation using Selenium Web driver.
* Expertise in exporting JUnit scripts from Selenium IDE to Eclipse, modifying the selenese scripts and writing test suites using JUnit/TestNG.
* Expert in PeopleSoft HCM(HRMS) functionality testing in HR, MSS, ESS, Time and Labor, Payroll and Benefits modules.
* Good understanding of object-oriented programming, Core JAVA, MVC pattern, JSP and Servlets.
* Extensive experience in running various kinds of tests such as Unit Testing, Integration Testing, System Testing, Regression Testing, Testing for Web and Client/Server Applications on windows and Mac environment.
* Expertise in editing and debugging tests using Selenium.
* Experience in Managing, Coordination and implementing various QA methodologies for testing applications
* Expert in testing with Web Applications, Client/Server applications, Back-end testing, Data warehouse, Database & Web services testing.
* Experience with the Test administration and bug tracking tools Quality Center and Jira.
* Expertise in using Element Locators like Firebug and Fire path for identifying web objects.
* Expertise in using different unique identifiers like XPATH/CSS Selectors/ID/Name etc.
* Experienced in manual testing of applications developed on Windows and Mac environment.
* Experience in designing and executing Automated Tests Suites using Data Driven Automation Framework.
* Evaluated and recommended new and existing tools and solutions to increase functional efficiency.
* Experience in AGILE Methodology projects using SCRUM and KANBAN.
* Experience in handling multiple projects at the same time within deadlines.
* Hands on experience in database testing toconfirm database as per Entity Relationship model verifying entities, relationships, integrity rules, database constraints, and triggers
* Strong analytical and problem solving, interpersonal and communication skills, self-starter, quick learner and able to adopt new technologies as needed in rapidly changing IT environment.
* Strong analytical and problem solving, interpersonal and communication skills, self-starter, quick learner and able to adopt new technologies as needed in rapidly changing IT environment.
* Ability to work efficiently in both independent and team work environments.

**TECHNICAL SUMMARY:**

|  |  |
| --- | --- |
| **Testing Tools** | SeleniumIDE/Grid/Web Driver, JUnit, TestNG |
| **Scripting Languages** | JavaScript, UNIX Shell Scripting, ANT |
| **Languages** | C, C++, JAVA, Python, SQL |
| **Database** | MySQL |
| **Web Technologies** | HTML5, CSS, XML, XSD, XSL, XSLT, XPATH, AJAX. |
| **Packages** | MS-Office Suite(Word, Excel, Access) |
| **Servers** | Apache Tomcat5.x/6 |
| **Browsers** | Chrome, IE, Firefox, Safari and Opera |
| **Protocols** | TCP/IP Protocol suite(HTTP, FTP, SMTP, UDP, DHCP, SSL, DNS) |
| **Operating system** | Windows XP to 10 and UNIX |
| **Defect Tracking Tools** | Quality Center, Jira, Test Director, Fire Bug |

**Cingular Wireless, Dallas, TX**

**Mar 2015- Till Date**

**Role: Sr. Automation Engineer**

**PeopleSoft HRMS 8.9 (Conversion & Upgrade)**

Cingular Wireless is the largest wireless company in the United States and merges with AT&T. The scope of the project is conversion of all AT&T employees into Cingular payroll and upgrade of Peoplesoft 8.9 HR self service modules. Customization and implementation of HR Managers self services, Time and Labor, employee self services, Benefits and running payroll process i.e. pay sheet creation, payroll calculation and Pay confirmation process.

**Responsibilities:**

* Reviewed project artifacts, analyzed Requirements, designed the **test plan** and provided **weekly status report** that includes **testing metrics**, **test logs** and **test summary reports.**
* Worked on **Agile** software development environment where testing is performed in each sprint.
* Defined the test criteria and base lined the **Test Plan** from project meetings and walkthroughs.
* Performed **Regression Testing, Functional testing** for web based application.
* Involved in manual and automated testing using **Selenium WebDriver.**
* Used **JIRA** to store all testing results, metrics, implemented test plan document, created test cases, **defect tracking and reporting**.
* Created custom **XPath** for identifying Dynamic Objects and used them in Selenium.
* Developed **Traceability matrix** to increase the test coverage.
* Developed and maintained the automated regression test suite in **WebDriver** using **Java**.
* Used **JIRA** for **Test Planning, Test Execution and Generating Reports**.
* Ran On-Cycle and Off-Cycle payroll processes and validate the data.
* Performed full automation suite for every Release and analysed the root cause of failed scripts.
* Involved in peer **test case reviews, escalations, defect tracking and reporting.**
* Involved in Load testing of Payroll Process i.e. Paysheet creation, Payroll calculation and Pay confirmation Process using LoadRunner.
* Used **Maven** framework and **TestNG** for reporting the automation test cases result.
* Responsible for website user interface and call handling test cases along with **AgentScripting**.
* Excellent analytical and programming abilities in using technology to create elegant, flexible and maintainable solutions for complex testing problem.
* Worked on **Cross Browser and Cross Platform** testing through **Selenium WebDriver** by testing the website on different browsers like **Google Chrome, Internet Explorer and Firefox.**
* Performed **Database Validation and Integration Testing** using **SQL.**
* Test Services web for **integration**.
* Experienced in Design**,** Develop, Execute and Maintain Automated Test Scripts using **BDD(Behaviour Driven Development) and TDD(Test Driven Development)** testing framework using **Cucumber, Java, TestNG** and have clear concept about the **Gherkin Language.**

**Environment:** Java 1.7, J2EE, JavaScript, Selenium WebDriver 2.44.0, TestNG, Eclipse, PeopleSoft HRMS 8.1/ 8.9, HR, Payroll, Benefits, eProfile, People Tools 8.42, Maven, JIRA, Mozilla Firefox, Google Chrome, Internet Explorer, Safari, Opera, Firebug, FirePath, XPathchecker, Microsoft Office, Windows, MAC OSX and Fedora Linux.

**Client: Xerox, Sacramento, CA**

**Sep 2013 – Mar 2015  
Role: Quality Analyst**

Xerox Corporation is an American global corporation that sells business services and document technology products.  
I was a part of a team working on a project for a leading health care provider which deals with diversified work force and clients. The project's scope was to enhance the existing claims application to accommodate the mandate changes for Long Term Services & Support (LTSS) under Managed Care.

**Responsibilities**:

* Analyze business requirements, Software requirement specifications to create **test plan and test cases** for manual and automation testing using **Selenium Web Driver, JUnit.**
* Automated the complete set of **functional test cases using Selenium WebDriver** to ensure correctness of new source code in an **agile development framework**.
* Participated in Daily Scrum meeting, Stand-up meeting, walkthrough meeting, weekly assessment meetings with business analysts and developers.
* Used **Selenium WebDriver** with **Java** plug-in to generate automated test scripts for **functional testing, GUI testing** and enhancing the existing scripts.
* Contributed in developing **Automation Framework that uses Java, Selenium WebDriver and JUnit.**
* Involved in Web Service testing and validating the **XML files**.
* Performed **Manual Back End testing** by writing **SQL** statements
* Extensive experience in coordinating testing effort, responsible for test deliverables, status reporting to management, issue escalations.
* Enhanced **regression** test cases to implement complex testing scenarios, increased permeations of functionality testing, and increased code coverage using **Selenium WebDriver**.
* Involved in providing the Testing Effort estimates and provided the timely feedback on progress of the testing activity.
* Conducted **System Testing, Regression testing, GUI Testing and Cross Browser compatibility testing** during the releases and interacted with the developers to resolve any technical issues.
* Created **traceability matrix** and mapped requirements to Test Cases.
* Strong knowledge of **Software Development Life Cycle (SDLC)** as well as **Software Testing Life Cycle (STLC)**.
* Used **Selenium Grid** to run parallel test on different browser and OS configuration.
* As Selenium test Engineer, involved in **plan & perform testing, verification & validation, and quality assurance** of the Sprints.
* Participated in the release plan for the application.

**Environment:** Java 1.6, JavaScript, J2EE, Selenium WebDriver2.43.0, JUnit, Eclipse, Maven, Mozilla Firefox, Google Chrome, Internet Explorer, Opera, Safari, Firebug, FirePath, XPath checker, Microsoft Office, Windows and Fedora Linux.

**Client: Deerwalk Inc, Kathmandu, Nepal**

**Aug 2009 – July 2013  
Role: Test Engineer**

Deerwalk is one of the top healthcare data analytics companies that provides a fully integrated Big Data healthcare solutions for healthcare analytics and population health management.

I was a member of a team working for project for a leading provider of clinical systems and innovations that seek to transform healthcare. The focus of the project was to upgrade the existing website to provide a wide range of features like policy value, rider information, billing option, beneficiary information and agent information for current policyholders and new customers. Worked on enhancements of the already available online products as well as implemented new products like opening accounts online, policy value comparison, etc.

**Responsibilities**:

* Analyzed requirements provide testing scope and proposed the testing methodologies.
* Developed test cases, test scenarios and test data according to specifications.
* Automated the complete set of functional test cases using **Selenium WebDriver** to ensure correctness ofnew source code in an **agile development framework**.
* Have created complex XPath expressions with the help of **XPath 1.0 library**.
* Used **Bugzilla** for **Bug Tracking, Bug fixing**, and **Bug Reporting.**
* Performed functional test automation and execution processes in a web environment using **data-driven** development with **Selenium WebDriver.**
* Reported regarding the tracked defects with reference to severity and types according to development team needs.
* Prepared detailed **Test Metrics** on a weekly basis for the projects to know the status of the Testing.
* Performed **Input Validations, User Interface Validations, Browser Compatibility testing** and **Navigation testing.**
* Maintained and executed **ANT build files** for running automated test cases

**Environment:** Java, JavaScript, Selenium WebDriver, JUnit, Maven, Bugzilla, Eclipse, Mozilla Firefox, Google Chrome, Internet Explorer, Firebug, FirePath, XPath checker, Microsoft Office, Windows