**Bibek Pathak**

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**Summary:**

Excellent IT Experience in complete SDLC. Experience in Automation and Manual testing of Client/Server, Web based and Microsoft Office applications . Experience in Documentation for QA Testing, Planning and Implementation. Motivated and industrious with sound business judgment and solid work ethics. I am interested in continual learning, and quickly absorb new skills.

**Expertise:**

* 6+ years of experience as a Quality Assurance Analyst with extensive knowledge and experience across the project life cycle in Systems Development Life Cycle (SDLC).
* Well acquainted with methodologies, like- Waterfall, Agile(Scrum).
* Proven experience in System Testing, Integration Testing, UAT Testing, Positive and negative, Functional Testing and Regression Testing, as well as black Box, white Box and Gray Box testing.
* Used TestNG with Selenium to provide effective and concise test reports to business owners and stakeholders for clear communication.
* Strong knowledge on Web Services & Hands on experience in validating test cases using SOAP-UI Pro tools.
* Involved in Automation of Web Applications using Selenium IDE for playback and showcasing Automation demos.
* Hands on experience in setting up Selenium tools from scratch and configuring various other peripherals tools to perform Selenium Tests.
* Expertise in using Selenium GRID to execute test cases that focuses in running across different browsers, operating systems, and machines in parallel.
* Maintained and Developed then began Manual and Automation test code for Functional, Smoke, Regression, Sanity and System Testing using Selenium WebDriver with Java Programming Language, and Gherkin.
* Adaptability to Design and Develop verify automation Framework from beginning to end in using Selenium WebDriver to automate alongside Java Object Oriented Language.
* Experience in Agile [SCRUM], RAD, Waterfall methods and software engineering standards.
* Experienced in manual testing for Web based applications, Mainframe, Client-server (.NET) and Microsoft Office applications.
* Experienced in Prepare, design, and execute test plans, Scenarios and test cases.
* Involved in External and Internal business review meetings and have good knowledge to analyze the business requirements, User stories, FDD, Data flow diagrams, Flow charts, Workflows, System design documents, X-Walks and Mapping documents for different interfaces and "Ancillary systems".
* Excellent knowledge in identifying gaps in the business requirements and user stories.
* Having friendly co-ordination with Business peoples, Developers, Managers, Team Leads and colleagues.
* Expert in both Black box testing and white box testing.
* Expert in System Testing, Regression Testing, Reliability Testing, GUI Testing, WIT Testing, Smoke Testing, Functional Testing, End to End Testing, Compatibility Testing, Backend Testing and Security Testing.
* Experience in Backend testing using DB2, Oracle, Sybase, MS Access and SQL server databases.
* Experience in writing Test-Cases, Test schedule, Test summary Reports and Traceability Matrix.
* Experience in XML files validation against XSD.
* Experienced Defect tracking using ALM, HP Quality Center and Clear quest.
* Excellent oral and written communication skills and Strong analytical and problem solving skills
* Self-motivator and adopts quickly to the new environments and different things
* Good problem solving and decision making skills.
* Ability to multi task, prioritize and work with time constraints.

**Technical Skills:**

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| Operation Systems | UNIX, Windows 7/8/10, MS-DOS |
| Testing Tools | Jira, HP Quality Center, Maven, Cucumber, Junit, TestNG, REST, Soap UI, Selenium WebDriver, Selenium Grid, SeleniumIDE |
| Bug Reporting Tools | ALM, Clear Quest, HP Quality Center, Jira |
| Language | Java, CSS, Shell Script, HTML, XML,XSLT |
| Databases | SQL Server, Toad, Oracle, My SQL |
| QA Methodologies | Agile(SCRUM), Water Fall |
| Protocols | HTTP/HTTPS, SOAP, REST |
| Web Technologies | HTML, XML |

# Professional Experience:

**UPS Airlines,** [**Louisville**](http://en.wikipedia.org/wiki/Louisville,_Kentucky)**,**[**Kentucky**](http://en.wikipedia.org/wiki/Kentucky)

**May 2015- Present**

**QA Analyst**

I was involved in multiple projects' requirements; design, testing and 3rd party vendor. Specifically worked the Sky Priority Preferred Seats-Economy Comfort Seating-International" projects for the Loyalty department. Heavy interaction with other airlines to ensure accurate mapping of 'as flown' information into the Loyalty system applications to include addition of new fields for tracking of adherence to new rules implemented for preferred passengers.

**Responsibilities:**

* Reviewed design documents and business requirements to learn the function and scope of the application.
* Involved in writing and implementation of the Test Cases Manually.
* Document and prepare Test Plans manually.
* Executed test scripts using manual testing methodology.
* Created Manual Test Instructions.
* Was involved in all Agile Development and SCRUM process throughout the entire project.
* Manually tested modules for compliance with functionality requirements.
* Performed Security testing of application manually.
* Conducted Positive and Negative testing manually from the sample data.
* Manually tested the basic services of an application are working in a default installation.
* Experienced in using Selenium Grid to execute Selenium automation suites on different platforms and browsers in parallel.
* Expertise in Selenium automation using Selenium WebDriver, Selenium Grid, JAVA, TestNG & Maven.
* Perform integration-testing, acceptance testing manually.
* Performed Regression Testing Manually.
* Performed Data Validation by using SQL queries.
* Checked the data flow through the front end to backend and used SQL queries, to extract the data from the database.
* Interacted with developers, business analysts and discussed technical problems and reported bugs.
* Maintained Traceability matrix and performed Gap Analysis.
* Used Quality Center to analyze, track and report defects. Worked on uploading all the Test cases to the Quality Center for the current and prior releases.
* Was involved in developing SoapUI set up script.
* Assisted the Project Manager Plan, Coordinate, and Monitor project’s level of performance and activities to ensure project completion.

**Environment:** Windows, HP ALM, Selenium, Agile, Oracle (Relational Database), SQL, UNIX Shell scripts, Soap UI, MS Office Suite.

**Exel Transportation Services, Ft. Worth, TX**

**July 2013- April 2015**

**QA ANALYST**

Exel is the global leader in supply chain management, providing customer-focused solutions to a wide range of manufacturing, retail and consumer industries. Exel's comprehensive range of innovative logistics solutions encompasses the entire supply chain from design and consulting through freight forwarding, warehousing and distribution services to integrated information management and e-commerce support. As a QA Analyst I was involved in implementing SOA (Service Oriented Architecture) and IAS (Internet Access Service) for better access of web site to the customer on a Supply Chain Integrator that is a Web based application that provides Production Scheduling, Improved Customer service, Multiple Modes of Transport facilities, Resource and time optimization.

**Responsibilities:**

* Involved in Test plan development.
* Created and maintained Test Plan, Test Cases and Test Script Documents.
* Involved in Requirement Gathering Session. Created RTM (Requirement Traceability Matrix)
* Executed Test cases on various stages of SDLC.
* Created UAT Test Plan from Business Requirement Document.
* Used Visio for Business Process Diagrams.
* Manually performed Smoke Testing.
* Used SQL queries for backend testing which was residing on the Mainframe platform.
* Wrote SQL Statements to extract Data from Database to verify the output Data of the reports.
* Performed Black box, Integration Testing and System Testing.
* Involved in writing extensive SQL Queries for back end testing oracle database.
* Involved in creating and working with stored procedures.
* Performed Front and Back-End Testing for Different Test Scenarios.
* Performed positive testing and negative testing manually.
* Investigating software bugs and reporting to the developers using Test Director.
* Performed regression testing using the same test cases.
* Interacted with developers, business analysts and discussed technical problems and reported bug.
* Involved in conducting User Acceptance Testing (UAT).
* Modified test scripts created by the system test team to meet UAT needs.
* Supported User acceptance testing (UAT) in preparing the test scripts and test execution
* Maintained Requirement Traceability Matrix (RTM) to make sure that test plans were written for all the requirements and performed gap analysis.
* Worked on Web-services applications, using SOUP UI tool, to create a Web Service Test from SOAP request and validate the response against the database.
* Designed and developed Data Driven framework using SOAP UI Pro, assertion method, looping & Excel to validate the service against different data sets
* Used Maven, and Selenium automation suites on different platform, browser combinations in parallel.
* Identified Test Cases to perform Regression Testing, Automated them using Selenium.
* Involved in acceptance testing to check all the functionality using Java and Selenium.
* Developed BDD tests and step definitions & developed required Selenium support code.
* Checked the data flow through the front end to backend and used SQL Queries to extract the data from the database.
* Participated in various meetings and discussed Enhancement and Modification Request issues.

**Environment:** Selenium, Agile, Oracle, SQL, Windows, HP ALM, Soap UI, MS Office Suite.

**CSX, Jacksonville, FL**

**Oct 2011- June 2013**

**QA Analyst**

CSX is a leading supplier of rail-based freight transportation in North America. CSX Corporation is an international transportation company offering a variety of rail, container-shipping, intermodal, trucking and contract logistics services.

I was working on multiple projects and applications running simultaneously on the assets and yard systems of the CSX including cars, locomotives, ties & surfaces, bridges, derailments etc.

**Responsibilities:**

* Performed UAT & Regression testing in UAT.
* Involved in conducting User Acceptance Testing (UAT).
* Modified test scripts created by the system test team to meet UAT needs.
* Supported User acceptance testing (UAT) in preparing the test scripts and test execution.
* Developed test suite, test cases, execute test cases and generate report for web service testing to ensure the service are running fine using SoapUI Pro tool
* Tested SOAP and REST web services using the different assertions like HTTP assertion, security assertions, and XPATH assertions in SOAPUI.
* Thorough experience in implementing Automation tools Selenium WebDriver, JUnit, TestNG, Eclipse, Git/GitHub, Jenkins, SOAP UI.
* Expertise in using Selenium Grid for compatibility testing to test whether the web application is working as desired in different environments.
* Developed Test Scripts to implement TDD (Test Driven Development), BDD (Behavior Driven Development) using Cucumber, java and selenium
* Performed Black box, Integration Testing and System Testing.
* Involved in writing extensive SQL Queries for back end testing oracle database.
* Involved in creating and working with stored procedures.
* Performed Front and Back-End Testing for Different Test Scenarios.
* Performed positive testing and negative testing manually.
* Performed regression testing using the same test cases.
* Interacted with developers, business analysts and discussed technical problems and reported bug.
* Defined the data mapping document between the data of various locomotives and cars (GSM1, GSM2, TGC2 & TGC3)
* Coordinated with the QA team to create UI MOCK UP Screens for the various application by using BLUEPRINT.

**Environment:** Oracle/SQL, Selenium, Soap UI, Windows XP, MS Office Suite, UNIX Shell scripts, JAVA.

**FedEx, Memphis TN**

**Oct 2010- Sept 2011**

**QA Analyst**

FedEx Corp. provides customers and businesses worldwide with a broad portfolio of transportation,   E-commerce and business services.

**Responsibilities:**

* Used SharePoint to test documentation and report/track all issues and defects.
* Participated and coordinated testing aspects to ensure the delivery of quality software applications.
* Involved in Test Planning, Designing Test Cases and Scripts, Test Execution, Define and Track Quality Assurance Metrics such as Defects, Defect Counts, Test Results and Test Status.
* Thorough experience in implementing Automation tools Selenium WebDriver, JUnit, TestNG, Eclipse, Git/GitHub, Jenkins, SOAP UI.
* Designed, executed and maintained automation test scripts with Java, Selenium WebDriver and Maven with TestNG prior to release for regression and functional test cases.
* Maintained and Developed then began Manual and Automation test code for Functional, Smoke, Regression, Sanity and System Testing using Selenium WebDriver with Java Programming Language, and Gherkin.
* Executed automated Test Scripts Using SELENIUM.
* Collected and Analyzed data for Software Process Evaluation and Improvements integrate them into Business processes to address the business needs.
* Documents all problems and assists in their resolution.
* Perform quality audits across the various IT functions to ensure quality standards, procedures and methodologies are being followed.
* Worked in with a large, diverse team as well as independently in a rapidly changing, fast-paced, priority driven environment.

Developed Web Service automation projects extensively using SoapUI.

* Performed xml data validation using assertion method in SoapUI Pro
* Run Regression Testing on Status Offline, Online to verify that all Test script runs as per the requirement.
* Performed fail over testing for new sever which were built for digester recovery, going live with new code and different functional changes.
* Executing test scripts of different releases and validating the actual results against the expected results.

**Environment:** Windows XP, Soap UI, Windows 7 MS Office Excel, Selenium.

**Education:**

Bachelors in Information Management.