**Dhruvika Patel**

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**PROFESSIONAL SUMMARY:**

* Over **5 years** of experience in IT industry on System Analysis, Design, Development and testing of the software for various Enterprise Applications.
* Excellent experience in software testing in **Client Server Application** and **Web based application** using Manual Testing Techniques and Automated open source Testing Tools.
* In depth understanding of Software Development Life Cycle **(SDLC)**, Software Testing Life Cycle **(STLC)** and Bug Life Cycle **(BLC),** And QA methodologies including **Waterfall** and **Agile** methodologies to ensure appropriate **Quality Control**.
* Experience in preparing Test plan, Test cases, Traceability matrix, Test documentation and reports.
* Expertise in working with **Manual** and **Automated testing tools**: **SOAP Scope, SOAP UI, IBM RIT (GreenHat (GH) Tester), Clear Quest and Quality Center HP ALM11, CALT**.
* Good experience in creating, modifying and enhancing both manual Test cases and Test Scripts created in **Selenium Webdriver** with **Test NG** and **Junit** frameworks.
* Working knowledge of **SOA**, **Web Services**, **Web Services Definition Language** (**WSDL)**, **SOAP**, **XML** and **XML** Spy.
* Experience in **Automation**, **Integration** (CIT/SIT/UAT), **Installation**, **Smoke**, **Regression**, **System**, **GUI**, **Adhoc**, **Incident**, **Recovery**, **Cross Browser** and **Compatibility** Testing.
* Testing the Functionalities using **Black Box** testing technique. Excellent knowledge and working experience in test execution and test results analysis.
* Experience working with **UFT** to develop functional and Regression test cases.
* Extensively Used **Mercury Quality Center** and **JIRA** to create Test cases and report **Bugs** in Defect Module.
* Good experience in Bug Tracking tools like **Quality Center**, **Test Director**, **Clear Quest** and **BugZilla**.
* Having good knowledge in basic **XML**, **SQL** and **VBS** commands. And has complete knowledge of **Defect Life Cycle**.
* Fair Hands-on experience using **Xpath** functions and page object model. Experience with Jenkins integration for continuous integration.
* Proven ability in designing and creating automation frameworks for **J2EE** based applications using **Java**, **JUnit/ TestNG**, Selenium **WebDriver/IDE/Grid, ANT/Maven and Jenkins**.
* Using **Spring** Framework written **Java Coding** for **API** Testing using Post. Performed **Java Web Services** testing for **REST API** Calls. Performed **API Testing** using **Rest Client** and **SOAP UI**.
* Written coding in **Perl** to perform file upload, mail trigger, file download and report generation.
* Worked with **Unix/shell** scripting for caching data from **Oracle** database to **MySQL** database.
* Using **JMeter** performed Unit Level Validation like special characters, uniqueness, invalid input, specified data range, boundary values for account creation.
* Worked on multiple **adhoc** requests asked by other teams and vendors.
* Involved in Test designing by preparing High Level Scenarios & Test Cases by verifying **BRD’s & HLD’s.**
* Backend testing using **SQL Queries**. Involved in creating the Scenarios for single and multi-user test. Expertise in Data driven testing, **Back-End testing**.
* Thorough Understanding of **Unix/Linux/Windows** Environment.
* Involvement in Project Planning, Coordination and implementing various QA methodologies.
* Ability in working individually or as a part of team, Problem solving, Analytical skills, Reporting and Assisting to Manager and has strong communication & interaction skills.

**TECHNICAL SKILLS:**

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| **Automation Testing Tools** | Selenium WebDriver/RC/Grid/IDE, JUnit, JMeter |
| **Languages/Frameworks** | JAVA, JSP, Perl, Shell, API, TestNG, Maven, SQL, Cucumber, Gherkin |
| **Test Management Tools** | Quality Center/ALM |
| **Web & App Server** | Apache Tomcat, WebLogic, WebSphere, Sun Iplanet Web & Messaging Server. |
| **RDBMS** | Oracle, MySQL |
| **Continuous Integration Tools** | Jenkins, Hudson, Cruise Control, |
| **Web Technology** | HTML, CSS, Java Script, XML |
| **Operating Systems** | Windows, Mac OS, UNIX |
| **Defect Tracking System** | JIRA, Quality Center, BugZilla. |
| **Versioning Systems** | CVS, SVN, Github, Stash, TFS |
| **Miscellaneous Tools** | MS Office Suite, IE/Firefox/Chrome/Safari, Firebug, Firepath |

**PROFESSIONAL EXPERIENCE:**

**Company: ADP, Los Angeles, CA Oct 16 – Nov 17**

**Role: Sr. Quality Assurance Engineer/Analyst**

**Description:** Responsible for testing data Interaction between three different systems (Mainframe to N8 Application to SAP) , as ADP is payroll and HR services, the Tax department is making data transmission web application for ADP clients to bring the whole backend process of tax processing from Mainframe to the new Application called N8. So it would make more flexible to the clients to see the whole tax process. Responsibility also includes Quality Assurance of data interaction and process in-between three applications of ADP, Tax processing Department. End to end validation of system connectivity, data validation between three application Mainframe N8(New Front end web Application) and SAP, testing of safe transmission of Data is also one of the responsibilities.

**Responsibilities:**

* Responsible for business analysis, gathering requirements and specifications, project planning and identifying the resources and implementation of project.
* Involved in daily status meeting and reporting.
* Designed the automated test cases using the selenium Web driver using Java.
* Developed keyword driven test scripts using Selenium Web Driver.
* Development of test cases using Java/TestNG.
* Involved in project planning, implementing various QA methodologies.
* Worked with Rally to create user stories, test cases and defects for manual testing.
* Worked under Agile Scrum Methodology.
* Created the test data for interpreting positive/Negative results during functional testing. Executing the Test scripts & defect tracking using Quality Center.
* Performed the Regression testing every time when developer fix the defects. Deploy the build in QA stage and run sanity test cases.
* Involved in performing other testing like End to End testing, Smoke Testing, Integration Testing and Testing the Functionalities using **Black Box** testing technique.
* Performed API testing to verify the data communication between two different applications.
* Worked with SAP (Systems, Applications & Products in Data Processing) to validate necessary transactions and real time reporting using ALM.
* Performed Backend conversion testing using written SQL quires for database validation.

**Environment**: Java, Selenium WebDriver, Junit, TestNG, Soap UI, Internet Explorer, Chrome, Firefox, Agile, Quality Center, SQL, Oracle, ALM, Rally, SAP, Mainframe.

**Company: Capital One, Plano, TX Aug 15 – Oct 16**

**Role: Sr. Automation Tester/Analyst**

**Description:** Responsible for testing data transmission website, as Capital One, wholesale department is making data transmission website more flexible to Bank Operators. Responsibility also includes Quality Assurance of data transmission project of Capital One, Whole Sale Department. End to end validation of Customer connectivity, data validation between Capital One and Wachovia whole sale applications, testing of whole sale safe transmission website is also one of the responsibilities.

**Responsibilities:**

* Extensively involved in analyzing Business Requirements, created testing strategies, testing plans and prepared detailed test cases for the Application under Test (AUT).
* Developed automation test scripts using Selenium Web Driver and Java.
* Developed Data Driven Test scripts as well as running these scripts for Message processing, Registration, and Reports testing using Selenium WebDriver.
* Created test cases, test plans, tested API’s, wrote JUnit test cases, executed code coverage and wrote automation scripts using Selenium WebDriver.
* Performed parameterization of the automated test scripts in Selenium WebDriver to check how the application performs against multiple sets of data.
* Worked with UFT for functional and regression testing.
* Created the JUnit test cases for the different web applications using Eclipse IDE.
* Extended data driven framework and developed re-usable functions across the application.
* Used JUnit Test to automate functional and regression testing across integrated environments.
* Used ANT to build and run the Selenium WebDriver automation framework. Once the script got over, framework used to send the automation reports over email.
* Involved in ANT configuration for running servers and scripts after the build.
* Contributed to the Continuous Integration pipeline running component builds, creating and running Deployment jobs on individual stages on Jenkins, and running automated and manual functional tests.
* Integrated the test suites to Jenkins to execute them automatically after every successful deployment.
* Performed back-end testing on Oracle and SQL Server databases by writing SQL queries to make sure the contents displayed on the UI correct as per requirements specifications.
* Conducted test on Web services transactions like automatic bill payment, wire transfers, batch payments and account transfers sent over HTTP or HTTPS by inspecting every XML request and response using SoapUI.
* Recorded JMeter user scripts implementing parameterization both manually and by data driven wizards in JMeter.
* Performed defect reporting and bug tracking using JIRA and also followed up with development team to verify bug fixes, and update bug status.
* Responsible for collecting and analyzing the test metrics and then submitting the reports, which kept track of the status and progress of the testing effort.

**Environment:** Java, Selenium WebDriver, UFT, Eclipse, Junit, ANT, Jenkins, SoapUI, Internet Explorer, Google Chrome, Firefox, Git, TDD, Agile, Quality Center, SQL, Oracle, Windows and UNIX.

**Client: Comerica, Inc., Dallas Jul 14 – Aug 15**

**Role: Automation Tester/Analyst**

**Description:** Comerica, Inc. is a nationwide bank which offers personal, small business, and corporate banking products. Comerica Inc. has different types of payments, Wire and Draft payments, ACH payments, Payments Imports, Payment Reports. There are different types of Payment methods, Templates methods. Each Payment & Template has different types of payment methods based on the different type of payment mode that has been selected.

**Responsibilities:**

* Interacted with Business Analysts for requirement gathering.
* Involved in Design and Implementation of Business Logic functions and Technical requirements.
* Performed automated testing using Selenium WebDriver, TestNG on various applications.
* Performed Functional testing to identify various critical points in the application and automated it by using Selenium WebDriver on different module of corporate web site.
* Interacted constantly with Developers and QA leads to write Test Cases and Plans in the most effective way possible.
* Involved in writing SQL queries using Toad for retrieving and manipulating Databases.
* Performed Front end GUI testing of the application which includes testing correct error message, color scheme, scroll bar, tool tip, font consistency, spellings, tab index, working of links, correct values in combo box, Help manual, shortcut keys, Boundary Analysis.
* Developed generic Selenium API to be reused by different teams.
* Worked on Page Object Model framework in particular to encapsulate the internal state of web page to a single page object.
* Used JIRA as a mode to log bugs and communicate with managers and developers with issues regarding closure of bugs.
* Worked in the Agile Development Environment with frequently changing requirements and features set.

**Environment:** Java, Selenium IDE/WebDriver, TestNG, JIRA, XML, HTML, SQLServer, Eclipse, SOAPUI, Agile (Scrum) Methodology, Page Object Model Framework.

**Company: Experian, Costa Mesa, CA Oct 13 – Apr 14**

**Role: Selenium QA Engineer**

**Description:** Experian is the leading global information Services Company, providing data and analytical tools to clients in more than 90 countries. The company helps businesses to manage credit risk, prevent fraud and target marketing offers. Experian also helps individuals to check their credit report and credit score, and protect against identity theft.

**Responsibilities:**

* Worked closely with business analysts and developers for thorough requirements review and developing test Scenarios.
* Involved in setting up configuring the testing environment with Eclipse, JUNIT, Selenium RC and Selenium Java client driver.
* Actively involved in all stages of STLC (Software Testing Life Cycle).
* Created test scripts and test cases for approved business use case and requirements for System and UAT testing.
* Utilized Xpath locator to identify application objects uniquely (Firebug, Inspect element).
* Created and maintained test plan, test cases and automation test documents.
* Initially involved in creating a Manual Test Cases in Quality Center. Tests were grouped into test plan and executed. Results were recorded and published to management.
* Involved in Functional and Regression testing.
* Involved in verification of Frontend GUI Objects and elements.
* Lead the testing initiative - develop test strategy, test plan, & test cases, conduct informal & formal testing cycles and facilitated User Acceptance Testing (UAT) & smoke testing, performed post-production installation testing.
* Performed Web Services Testing and XML validation by creating test case suite using SOAP UI.
* Performed Data Driven Testing of the web service using Data Source and Data Loop.
* Validated soap response using various Assertions such as Xpath, Contains, SOAP Fault, Schema Compliance etc.
* Created Test Sets to do Functional and Data Driven Testing on the Web Services.
* Performed Database Testing by passing SQL Queries and retrieved information from Database.
* Quality Center was used as the overall Test Management Tool, where scripts were located and stored under respective Project Folders.
* Contributed to the development of UAT process, and ensured sufficient planning took place for testing.
* Performed Defect tracking in QC. Defects were linked via traceability to specific test case.
* Wrote Junit tests using Junit framework.
* Involved in weekly walkthroughs and inspection meetings, to verify the status of the testing effort and the project as a whole.

**Environment:** Java, Selenium RC/IDE, Junit, Ant, SOAP UI, Xpath, Eclipse, Quality Center, Firebug, SVN, SQL, Oracle, Windows.

**Company: Hilton Hotels, Bangalore, India Jan 12 – Sep 13**

**Project: Pangea**

**Role: Java/J2EE Developer**

**Description:** Pangea program is a global initiative to deploy a new set of web-based applications that both consolidates and unifies Hilton’s existing web presence into a single infrastructure, while also significantly enhancing the functionality, and extending Hilton’s presence in new source markets (UK, DE, and JP). This site uses advanced internet technologies to provide a unique travel planning and secure online booking experience for consumers.

**Responsibilities:**

* Participated in the business requirements analysis meetings and prepared use-case diagrams using Rational Rose.
* Involved in development of very critical transactions- Hotel Search, Availability, Booking, Guest Enroll and Guest Update.
* Involved in installing and configuration of apache web server which is being used to serve static resources (css/js/images) and route the requests.
* Developed the presentation layer using Spring, JSP, JSTL, JavaScript, HTML, CSS, jQuery and AJAX.
* Developed custom tags and EL-functions to separate presentation and processing logic
* Developed Service layer Using Spring and persistence layer using Hibernate.
* Worked on enhancements and defects.
* Extensively worked on various features of Hibernate such as Associations, Caching, Lazy loading and HQL
* Extensively used Dependency Injection and AOP features of Spring Frame work.
* Extensively worked on Web Services to send and receive the data from NGT.
* Extensively worked on TOAD for interacting with data base.
* Developed complex SQL queries to perform efficient data retrieval operations.
* Developed Unit, Integration Test Cases using Junit and JMock technologies.
* Involved in complete software development life cycle (SDLC)
* Developed the custom build scripts using ant tool.

**Environment:** JDK, Spring, Hibernate, Eclipse, WebLogic application server, AspectJ, Oracle10g,TOAD, JIBX, Rational Rose, SVN, Ant Build, Log4J, Junit, EasyMock.