**Mihir Patel**

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**PROFESSIONAL SUMMARY**

* **6+** years of experience in **Software Quality Testing** and doing **Manual** and **automatedtesting** on Web based, Mobile and Client-server applications using **Selenium, Java, Maven** and **TestNG, Cucumber, Appium** and expertise in **domain technologies** like **Banking, Financial, E-commerce, Healthcare** and **Insurance.**
* Expertise in Quality Analysis with strong understanding of **Software Development Life Cycle (SDLC)**, object oriented methodologies and expert in **Oops concept** of java.
* Excellent understanding of **Software QA Methodologies** and experience in all the phases of Software Development Life Cycle (**SDLC**), i.e. in **agile** development model, **Waterfall** model, and **V**-model and mainly work experience in **Scrum** model and in Software Testing Life Cycle (**STLC**).
* Expertise in automating the software testing and hands-on coding using open-source tools lik**e Selenium IDE/RC/Grid, Selenium Webdriver, Java,Cucumber**, **Apache HttpClient** an**d Firebug.**
* Strong knowledge in **Web technologies** like **JavaScript, XML, XPATH, AJAX, HTML, CSS, SOAP, Restful, jQuery.**
* Expert on coding using **Java** and writing **Selenium Webdriver** test cases with Java.
* Well versed with **Java Testing** frameworks like **TestNG, Jmeter** and **JUnit.**
* Experienced in **manual testing** and **automate** the **SOAP** and **Restful** Web Services using **SOAPUI**, **Postman**, **ApacheHttpClient**, **Jackson**, **JAXB** parsers.
* Strong expertise to mentor and drive **Automation roadmap** to implement **Automation framework** (Hybrid/Data Driven/Keyword Driven) with **Page Object Model** using commercial and open source tools (Cucumber, Protractor, Selenium, Appium, SOAP UI) covering Web/Mobile, SOA, Middleware(SOAP/REST) to mitigate automation gaps for increased coverage and quality
* Extensive experience in preparing **test plans, test scenarios, test scripts, test cases, test reports** and documentation of manual and automated testing.
* Hands on experience in **functional testing, unit testing, integration testing, regression testing, black box testing, white box testing, API Testing, GUI testing, back-end testing, cross browser compatibility testing**, in different stages of Software Development Life Cycle (SDLC).
* Proficiency in **Maven** and setting up local workspace using **Maven, TestNG** and **Eclipse.**
* Skillful in functional testing using **SeleniumIDE/ Webdriver**using **TestNG** testing framework.
* Involved in developing the Automation using **Data Driven and Hybrid framework.**
* Expertise in getting the test data using **TestNG** Data provider and **POI API.**
* Expert to write test cases in **Cucumber** and automate the web application.
* Create defect log using **Jira** and **managing** the tasks and stories in **Agile Environment.**
* Experience in designing and executing Automated Tests for **Data Driven Testing**.
* Good understanding of bug tracking using **HP QC** and **JIRA** for reporting the Modification Requests and collecting Test Metrics In order to Keep track of the test progress and test execution.
* Good knowledge in using repositories **SVN, GIT**.
* Good work experience in using **SQL Queries** in verifies the data from the **Oracle DB** (backend validation).
* Experience in performing **Manual Testing** of Mobile Native Apps and **Mobile Web Applications.**
* Good experience in using tools like **Firebug** and **Firepath** checker for identifying **XPATH** .
* Strong problem solving, analytical skills in testing, development and automation.
* Very good team player in working with others on time critical assignments. Excellent written and verbal communication skills.

**TECHNICAL SKILL:**

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| --- | --- |
| **Languages** | **Java, SQL, HTML, XML, JSON, C, C++** |
| **Testing Tools** | **Selenium IDE/Grid/RC/Webdriver, TestNG, Protractor, Quick Test Pro (QTP), JIRA, Rally, Firebug, SOAP, SOAPUI, Postman, Cucumber, Appium, Dynamic CRM, Restful, Log4J, JUnit, Jmeter.** |
| **Web Technologies** | **HTML, JavaScript, JDBC, J2EE** |
| **Dev Methodologies** | **Agile, Waterfall, V-model** |
| **Build Tools** | **Maven, Jenkins, Hudson** |
| **Version Control Tools** | **SVN, GIT** |
| **Bug Tracking Tools:** | **HP Quality Center/ALM, Rally, JIRA** |
| **Operating Systems** | **Mac OS¸ Windows, Unix, Linux** |
| **Misc. Tools** | **WinSCP, Secure CRT, SVN, GIT, Firebug, Bitbucket** |
| **IDEs** | **TOAD, SOAPUI, Eclipse, IntelliJ** |

**RELEVANT EXPERIENCE:**

**Medtronic, CA Jul 2016 – Present**

**Role: QA Engineer/SDET**

**Description:** Medtronic company is a medical devices company and It is world’s largest stand alone medical technology development company. It’s headquarter located in California. Over the years, Medtronic developed additional core technologies, including implantable mechanical devices, drug and biologic delivery devicesand powered and advanced energy surgical instruments. Today, Medtronic technologies are used to treat nearly 40 medical conditions.

**Responsibilities:**

* Involved in the **Software Development Life Cycle** (SDLC) from Requirement Analysis to supporting application in production.
* Reviewing **functional specs** and Technical designs and providing feedback from **QA methodologies.**
* Reviewed functional requirements and create test based on scenarios from functional requirements.
* Performed tests for **Functional**, **Regression**, **Security**, **GUI**, **End to End**, **System**, **Configuration** and **Backend**.
* Created Web application testing Java based scripts using **Selenium Webdriver**, **Firebug** and **Firepath** and **TestNG** automation framework.
* Preparation of **test data** for checking the Web application under QA environment.
* Experience in **Web Automation** using **Protractor** for **Angular** application.
* Experience in developing, implementing, maintaining automation script and managing automated testing framework/suites using QTP, RFT, **Selenium** **Webdriver** and **Protractor**.
* Involved in implementation of Test Automation Framework build using Selenium WebDriver, **protractor** to handle **Angular** **JS**, **TestNG** and Maven technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Implement **Page Object Model** (POM) framework to test Web based application.
* Tested compatibility of application for dynamic and static content under various **cross browsers** using **HTML IDs** and **XPath** in Selenium.
* Developed **TestPlans**, **Testcases**, **TestScripts**, **Teststrategy**, **TestScenario**, **TestReports.**
* Performed **regression test** to ensure that introduction of new features into application doesn’t affect the existing functionality.
* Involved in System study and End to End Design and Development of the system.
* Write **manual unit test** cases and Perform unit testing.
* Create system **documentation.**
* Creating test script using **Apache HTTPclient** using java and checking the **Restful** web services end-to-end..
* Use of **Cucumber** to inherit **business scenarios** and requirements as feature file.
* Create **step definitions** to capture multiple test scenarios and writing the script based on scenario.
* Analysis of **GIVEN-WHEN-THEN** scenarios to understand requirements.
* Testing same scenarios for multiple set of data using **scenario outline**.
* Creating custom **report** using multiple plugins in cucumber **runnable class** file.
* Heavily involvement in interacting with **business team** and **third-partyvendors.**
* Raised defects in **Jira** and made sure appropriate hand-offs and retesting takes place.
* Use of **Boundary Value Analysis** and **Decision Tables** as testing techniques.
* Support the team with **sanity test** after daily and production builds as part of enterprise release.
* Provide **QA support** activities to Production Support for defects in released product.
* Used **SOAPUI** to test Web Services using **WSDL** file given by development team.
* Use of **POSTman** plugin in browser to verify JSON request and response headers for API testing.
* Writing and manage test cases in HP **QC/ALM** from business use test cases.
* Prepared **defect prevention** (DP) reports and conducted DP meetings with the team.
* Used Toad to write **SQL** queries, to verify quotation values displayed on various pages of the application.
* Participated in test scenario **inspections**, test case **reviews**, work and **functional mapping** & **UAT** sessions.
* Coordinating day-to-day operations with **onsite**/**offshore** QA team.
* Provide **guidelines** to new starters in the team to understand the project structure and flow.
* Participate in daily **Scrums**, Sprint/Release **planning** and Sprint **retrospectives.**

**Environment:** Java/J2EE, Selenium WebDriver, TestNG, Maven, Protractor, JXL, Web Services, SOAP & Restful, SOAPUI, Postman, Apache HttpClient, Log4j, Jenkin, Agile, Cucumber, XML, XPath, Rally, HTML, CSS, JavaScript, Firebug,Quality Center, Toad, SQL, CSV, GIT, Oracle, UNIX, Windows.

**Hershey, Harrisburg, PA Apr 2015 - Jun 2016**

**Role: Mobile tester/QA Analyst**

**Description:** Hershey's is the largest chocolate manufacturer in North America. It was involved in testing of the mobile-based application Candidate's Name Entry, Time Entry and Torch. As a QA analyst, I tested the application on Apple and Android devices IPhone, IPad etc. The Time Entry & Expense Entry application allows that Hershey's employee enter the timesheet like hours, miles, Trip expense they worked and the Approval apps allow that Hershey' Manager approve or reject the timesheet for employee. Torch application allows that RSR employee visit their retail stores like Wal-Mart, BJ’s and check the stock and process the order from the Android, iPad / iPhone to fill the stock.

**Responsibilities:**

* **Mobile tester** for Global Mobile Application Trip Approval, Expense Entry & Time Entry on **Apple IOS** devices. **Web services** testing using **Service Oriented Architecture** (SOA) in **SOAPUI**.
* Coordinated with **Mobile application** team to design of application structure and complete required task.
* Tested the application on various generations of **Android** and **iPhone**.
* Performed **GUI**, **smoke**, **functional**, **database** and **regression** testing.
* Test script creation and executing in a **Web/Java** environment.
* Developed automation scripts for mobile **native** applications like **Android** and **iOS** using **Appium** with Java.
* Run automated test scripts for **native** and **web mobile** application using Appium for real devices and **emulator** for **Android** and **simulator** for **iOS**.
* Formulated **manual** test cases include **Unit**&**Integration** test case for all application.
* Collected **test metrics** weekly from the QC that reflected the status of the test execution and the state of the defects.
* Identifying objects of App using **UIAutomator** tool for Android and Appium **Inspector** for iOS.
* Developed automation test scripts using automation testing tools Quick Test Professional (QTP).
* Performed functional test automation with QTP/UFT and designed automation test script using VB scripting.
* Involved in writing **load test scripts** using **Apache Jmeter**.
* Developed and deployed test Load scripts to do end to end performance testing using **Jmeter**.
* Validated the data from **Frontend** to **Back End** tables in **Oracle Database**.
* Part of executing **PL/SQL** queries **procedures**, **functions** and **packages** for backend testing.
* Extensive use of bug tracking tools like HP **Quality Center** for identifying, analyzing, and documenting defects.
* **Log defects** using **JIRA** application and communicate the defect status updates to the responsible analysis and implementation teams.
* Experience testing on **Mobile devices** like Motorola 3190 & 3190Z.
* Documented the entire **Test Cases**, Assessment **Report**, and Test **Results**.
* Performed **Functional**, **Integration**, **Regression** testing with various develop builds to run and test the different user case scenarios for Mobile App using Appium.
* Thorough knowledge of mobile platforms such as **iOS.0**
* Experience working on the Hershey’s **E-commerce** application and tested it using the **Selenium web driver** tool.
* Experience in Web Automation using **Protractor** and **Jasmine** framework for Angular application.
* Full site/mobile Automation using **Selenium/Protractor/Appium**, Sauce labs for cross browser automation
* Developed QA automation test scripts using Selenium to test Web based user interfaces for different type of **browsers** and generating process **flow diagram** based on business resources documents.
* Created Automated **End To End** Regression Flows and Financial Regression Test Suit for the POS Application.
* Tested the End-to-End Testing using **SAP** database to check the functionality of the application on the **front end**.
* Follow up with **UAT** Users of any defect and requirement related issues to identify, classify and add more information to better track defect.
* Managed the encountered defects during the testing process by entering them to the **Quality Center**.

**Environment:** Agile Development, Quality Center 10.0, MS-Office, Protractor, Appium, MS-Visio, QTP, UAT, QuickTestPro 8.2, SDLC, Windows XP, OS, JIRA & SAP.SOAP UI, Selenium Webdriver, Jira, Jenkins, Git, SQl, Oracle, Unix, Windows .

**Macy’s, CA Apr 2013 – Mar 2015**

**Role: QA Engineer**

**Description**: Macy’s is one of the biggest retail companies in the United States which sells clothing, home electronics, and various products. The project is for consumer portal for consumers who can register, sign-on, choose the products and placing orders online. Macys.com is their website where purchases can be made with a credit card. The system has been developed using Java/ J2EE technologies using Spring, Hibernate, Web Services (SOAP and RESTFUL) on WebSphere Application Server. Oracle is used for maintaining the website information.

**Responsibilities:**

* Extensively involved in all stages of **testing life cycle** using **Agilemethodologies**.
* Designed, executed and maintained **Selenium Webdriver**, **TestNG** based automated test cases for **functional** and **regression** testing.
* Extensively used Selenium **XPath** and **CSS locators** to test the web application.
* Automated selected Test Cases to performed **functional testing** of the **front end** using Selenium Webdriver& created **Data Driven** framework using **TestNG**.
* **Functional** and **Cross Browser** Testing of Defined Browserstack of the site experience.
* Completed **SOA** testing using **SOAPUI** and **Java** framework for **Web services** testing.
* Tested request and response **XML** based web services interfaces using **SOAPUI**.
* Experience with **Assertions** like **Schema Compliance**, **XPath** and **SOAP** responses.
* Use **Cucumber** to inherit **BDD** into automation.
* Performed execution and logging defect in **Jira** and **Verification** of defects for **SystemTesting**
* **Rally** for Sprint tracking and Confluence for **design documents**.
* Conducted **Smoke** testing, **Functional** testing, **Regression** testing, **User Acceptance** Testing (UAT) and **Data validation** testing.
* Used **Page Object Model**, UI Mapping, Selenium Manager, Data Driven using CSV, CSS Selectors as a part of Framework.
* Worked on **UAT** testing by creating new business users, setting up all the required data, preferences and required permissions.
* Involved in Testing of **Web Services** written in **SOAP** and **REST** services to create and execute automated **functional**, **regression**, and **compliance** tests. Validated **Restful Web Services** using **Apache HTTP Client**.
* Experience to test **Macy’s E-commerce** application using the **Selenium web driver** tool.
* Created **XML** based **test suite** and integrated with **Jenkins** Server to execute automation scripts on a regular basis by scheduling **Jenkins jobs** in different test environments with different test configurations.
* Used **Firebug** to find the web element of web based application.
* Testing with selenium for the commands and locators application. Ensure accuracy and completeness in the **test reports**.
* Created Custom Entities, Custom attributes for individual business units in MS Dynamics **CRM** per their business process.
* Installation, Configuration and Customization of MS **Dynamics CRM**. Created custom dashboard, custom Ribbon button and configured sitemap utilizing **Pragma** toolkit. Used agile methodology for the project.
* Updated the **Requirement Traceability Matrix** (RTM), with Test Case id’s and make sure that all BR’s (Business Requirements), TR’s (Technical Requirements) and Detail Design Requirements were mapped perfectly and all Requirements were covered with Test cases.
* Development and Execution of **SQL queries** to check the database and checking the data integrity in accordance with business standards of the company.
* Worked closely with the **developers** to resolve the **design** and **development errors** and to get the software released for **system testing**.
* Carried out testing, to check whether the application is functioning as per the use case and **functional specifications**.

**Environments:** Java, Selenium Webdriver, TestNG, JXL, Maven, Log4j, Jenkin, SoapUI, Cucumber, Agile, HTML, XML, XPath, Dynamic CRM, Rally, SOAP & RESTFUL, Apache HTTP Client, JavaScript, Quality Center, Firebug, SQL, GIT, Oracle, UNIX, Windows.

**CMC Ltd, India Feb 2011 – Mar 2013**

**Role: Software Engineer/SDET**

**Description:** ICICI Lombard is a web-based suite of components that addresses needs of insurance system covering all different modules of insurance. GENISYS Configuration allows the users to easily and rapidly define new insurance products, make changes to existing products and establish rules that govern the products behavior.

**Responsibilities:**

* Involved in System study and End to End Design and Development of the system.
* Developing **code** structure based on **SRS** for the system.
* Write **manual unit test** cases and Perform unit testing.
* Create system **documentation.**
* **Resolving** requirement **queries** through **client** interaction.
* Used FishEye for code review and **JIRA** to track the bugs.
* Involved in Production **Deployment.**
* Involved in System study and End Design and Development of the system.
* Involved in writing complex **SQL/PL** blocks for the application.
* Configured **log4j** configuration for complete project.
* Responsible for production support and patching the application for incidents.
* Performed **Functional tests** using **Selenium WebDriver** with **data-drivenframework** in a database.
* Developed and implemented the custom framework with **Data Driven** and **Page Object Factory** Model using **Selenium Web driver** which cut down the script development time in half**.**
* Used **TestNG** Test Suite to run group of test classes and Test Cases.
* Created customized report using **Ireporter** and **Itestlistener** in TestNG.

**Environment:** Java, J2EE, JDBC**, JUnit,** Web Services, SOAP, Oracle, XML, Log4J, Eclipse, **Agile, Selenium WebDriver/IDE/RC,**xPath, Firebug, **TestNG, SOAPUI, Quality Center,Maven, Jenkins**, HTML, CSS, UNIX, Windows.