**Krishna Patel**

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**PROFESSIONAL SUMMARY**

* **4+** years of experience as a QA Analyst using Manual and Automation testing. Strong knowledge of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
* Diversified Experience in QA, SOA and Manual Testing Serving various domains such as Finance, Healthcare and Retail
* **Proficient in JIRA Agile Methodology**.
* Involved in the entire QA Life Cycle (**SDLC**) and (**STLC)**, which includes Design, Development, and Implementation of the entire QA process for the Relational Database, Web and Client/Server.
* Automation experience using **Selenium WebDriver/Grid, TestNG, JUnit** framework.
* Experience in validating Regular and Ajax control using Selenium locators (XPath, CSS, Id, and name).
* Performed Cross browser compatibility testing on Chrome, Firefox, IE browsers using **TestNG** Unit Testing Framework by adding different annotations
* Analyzed the **Product backlog, Sprint Backlog** and developed Test Suites to cover the overall quality assurance testing.
* Hands-on experience in executing sanity, functional, regression / smoke testing, handling the verification & validation of specifications, designing traceability matrix & test case, reporting defect and issues, **web services** (**SOAP**, **REST)** using **SOAP UI** Tools.
* **Solid Planning skills for Sprint Planning**.
* Experienced in using JIRA for requirement management, test planning, test case development, test case execution, and defect tracking.
* Experience in developing and executing scripts using the Selenium **Web Driver and TestNG** framework.
* Experience in Manual & Automated Testing for Software Quality Assurance (**UFT**) and knowledge in Open-Source **Automation Tools (Selenium & SOAPUI)**
* 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.
* Experience in working with build systems like Maven and continuous integration systems like Jenkins.
* Good understanding of Quality Assurance methodologies like Waterfall, and Agile Methodologies.

**TECHNICAL SKILLS**

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| --- | --- |
| **Programming** | SQL, VB, C, C++, Java, Python |
| **Scripting Language** | Java Script, VB Script |
| **Web Technologies** | HTML, CSS, JavaScript, XML, WIX |
| **Databases** | MS SQL Server, Oracle, MS Access |
| **Testing tools** | HP/ALM, QTP, JIRA, SOAPUI, Selenium WebDriver/Grid, TestNG, Jenkins |
| **SDLC Methodologies** | Agile Scrum, Waterfall |
| **Operating System** | Windows |
| **Other Tools** | MS Office |

**WORK EXPERIENCE**

**QA Automation Tester**

**IT Expert System, Schaumburg September2020-Current**

* Analyzed system requirements and developed detailed **Test plans**.
* Created functional automation scripts for the report generation module using tools Selenium Web Driver and TestNG
* Worked as **QA** for performing **API launches**, white box testing, data testing.
* Responsible for implementing **page object model** (POM) using **Selenium WebDriver, TestNG and Java.**
* Played important role in defining automation framework architecture in Selenium WD for the Purpose of migrating current automation from QTP to **Selenium**WD.
* Scripted current test scenarios in new **Selenium**and **Cucumber** Framework.
* Developed Test Plans and Test Cases for the test. Execute Test Case.
* Ran the scripts on multiple environments (**QA, UAT and Production**) to ensure that requirements were still met.
* Good Understanding of the EDI (Electronic data interchange), Implementation and Knowledge of HIPAA code sets.
* Extensively used Assertions in **SOAP UI** to validate web services   response and tested both **XML** and **JSON** formats.
* Performed web services testing with SOAP UI/Postman by validating request and response for XML, JSON files
* Responsible for implementation of Hybrid Test automation Framework build using Selenium, TestNG, Maven, cucumber, Gherkin and Jenkins Java platform utilizing industry-leading harness design patterns and approaches.
* Designed and developed Test scripts using Java programming language for test automations and test suits and test plans.
* Written test cases using TestNG and used CSS, XPath techniques to find out the static and dynamic elements in web application.
* Used agile methodology with SCRUM Process for the product development.

**QA Tester**

**HCL Technologies, Cary, North Carolina November 2019– May 2020**

* Analyzed system requirements and developed detailed **Test plans**.
* Worked as **QA** for performing **API launches**, white box testing, data testing.
* Responsible for implementing **page object model** (POM) using **Selenium WebDriver, TestNG and Java.**
* Played important role in defining automation framework architecture in Selenium WD for the Purpose of migrating current automation from QTP to **Selenium**WD.
* Worked in the team that follows **CICD Pipeline** Process with continuous Development and Deployment Process.
* Scripted current test scenarios in new **Selenium**WD with **JAVA** with **TestNG**framework.
* Developed Test Plans and Test Cases for the test. Execute Test Case.
* Ran the scripts on multiple environments (**QA, UAT and Production**) to ensure that requirements were still met.
* Good Understanding of the EDI (Electronic data interchange), Implementation and Knowledge of HIPAA code sets.
* Extensively used Assertions in **SOAP UI** to validate web services   response and tested both **XML** and **JSON** formats.
* Worked on HIPAA Transactions and Code Sets Standards according to the test scenarios such as 837/835 transactions.
* Performed Back-End Testing to check database integrity by writing **SQL Queries.**
* Prepared Test Cases based on business rules for HIPPA EDI Transaction **276/277, 270(Eligibility Request), 271(Eligibility Response), 837(Institutional/Professional),835(Payment Remittance Advice), 834(Benefit Enrollment and Maintenance Transaction).**
* Performed Data Driven Testing, Functional Testing, System, Integration, and Regression testing using QTP for application releases.
* Participated in the meetings to follow up on Defects/Issues.
* Worked under HIPAA compliance standards.
* Performed Front-End Testing, Functionality Testing, and Data Driven Testing with uses of Selenium WebDriver and TestNG

**QA Engineer**

**IT Expert System**

**Naperville, IL January 2019 – October 2019**

* Isolated replicated and reported any observed defects in parts and products.
* Ensured that all products met functional and design specifications.
* Determined test requirements and developed customized test plans.
* Reported any observed quality issues to management immediately.
* Complied with all established testing guidelines and perimeters.
* Work with **JIRA** for test case management, defect management, test reporting, and other functions. Participate in defect triage.
* Work with Program Test Manager to plan, estimate & implement test automation.
* Designed Automation Test cases using **Selenium** WebDriver, Java, **Maven**.
* Created and executed manual smoke, functional, regression, system, integration tests.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium WebDriver and **Jenkins**.
* Contributed to developing Automation Framework that uses Selenium Web Driver and TestNG. Framework implements using Data Driven, Page Object Model.
* Check the website Designing in multiple browser and Mobile Device.
* Identified, analyze, and document defects using Jira and Mantis defect tracking systems.
* Effectively participated in every day agile scrum stand-up meetings and participated in Iteration planning and Retrospective meetings.

**QA Tester (Internship)**

**IT Expert System,** **Schaumburg, IL June 2018- December 2018**

* Took Professional Training of QA Automation Testing.
* Used Selenium Web Driver and Integrated GitHub into Jenkins to automate the code checkout process.
* Analyzed technical specifications, designs, and user requirement documents to prepare for test cases.
* Designed automated test cases using Selenium WebDriver with Java, TestNG and Maven in NetBeans to perform functional and regression testing for web-based applications.
* Interacted with **Business Analysts** Developers and End-Users to design detailed test plan documents for application testing.
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers like Internet Explorer and Mozilla Firefox on different Operating Systems (validation).
* Created and executed SQL queries using SQL Management Studio to make sure all the data from the front-end data matched the back-end data without losing any critical data.
* Participated in daily **SCRUM** meetings and gave the daily status of testing.

**QA Tester**

**I Create Technologies, Ahmedabad, India October 2015 – December 2017**

* Organized Test Plan during the initial phase of the project, prepared test scripts, created Release note in User Acceptance Testing (UAT), executed test cases and recorded results in UAT.
* Used SQL and **PL/SQL** against Oracle database to analyze multiple source data.
* Wrote Structure Query Language (SQL) queries to check proper data population in an application table and for data verification to perform Backend Testing against Oracle Database.
* Prepared meeting notes on daily execution/highlight of the project and send out the reports to management.
* Interact with Developers and Business Analysts to perform various types of testing throughout the Software Testing Life Cycle (STLC).
* Involved in cross browsing testing of the application on various browsers to ensure it functions.

**EDUCATION**

* **Master of Computer Application (M.C.A) May 2015**
* **Bachelor of Computer Application (B.C.A)** **May 2013**