**Nikitha Chilukuri**

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***PROFESSIONAL SUMMARY***

* An SDET **with 7 years of experience** in the IT Industry. With thorough knowledge of Developing, Designing, and implementing Test plans, Test cases and test processes. My expertise spans around both manual and Automation testing with strong focus on Selenium framework
* Good experience in all phases of the Software Testing Life Cycle (STLC) and Software Development Life Cycle (SDLC) including **Agile Scrum methodologies**.
* Experience in the software industry with emphasis mainly **on Quality Assurance both Automated and Manual** of both Client/Server and Web based Applications using structured methodologies with strong business understanding of projects.
* Created custom Path for identifying **Dynamic** **Objects** and used them in **Selenium**.
* Involved in peer **test** **case** **reviews**, **escalations**, defect **tracking** and **reporting**.
* Strong Experience on **Selenium** **IDE**, Selenium 2.0 **Web** **Driver** by using **Java/Python**.
* Used **TestNG** for reporting the automation test cases result.
* Proficient in GUI, Functional testing, grey box testing, black box testing, **Regression** **testing**, Integration testing, System testing
* Expertise in **Quality Center (QC)/ALM, Rally, JIRA, Azure Devops.**
* 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**.
* Key expertise includes testing & **debugging** UI & Multi - Applications environment & automated testing using Selenium WebDriver.
* Hands-on experience in testing Web Services for **API testing** using REST-Assured and **POSTMAN** Tools.
* Expertise in **designing** and **developing** **automation** **framework** using Selenium WebDriver, **Cucumber**, **JAVA/Python**, **JUnit**, **Maven**, **TestNG**, and **Jenkins** as a **Continuous** **Integration**.
* Skilled in writing **unique** **XPath** and **CSS** using to identify web elements.
* Ability and enthusiasm to learn new tools/technologies quickly.
* Possesses excellent communication, **documentation**, and organization skills with the ability to adapt to a new environment & meet stringent deadlines.

***TECHNICAL SKILLS***

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| --- | --- |
| **Testing Tools** | HP Quality Center, HP ALM, Selenium, JIRA. Selenium, Postman, JMeter |
| **Languages** | Python, SQL, Java, C++, JavaScript, Cucumber |
| **Test Framework** | Junit, TestNG |
| **Build Tools** | Maven, Jenkins, Git/Bitbucket, |
| **Web Debugging Tool** | XPath, Firepath, Firebug |
| **Project Methodologies** | Agile-Scrum, Waterfall |
| **Other Tools** | My SQL, Oracle DB, SoapUI, Git, Postman, Putty. |

***PROFESSIONAL EXPERIENCE***

## ***QA Automation Engineer***

### ***Humana, Louisville, KY Nov 2022 – Till date***

**Responsibilities:**

* Involved in testing the application for regression builds, **manually** and running **automated** test scripts.
* Participated in the System **Test Plan reviews, Test Scenarios, Test Cases** Review and modified the documents with respect to the review comments.
* **Gathered** relevant test data necessary for the **test** **scripts**, based on the **Transactions**, Test Conditions documents and updated in the property files.
* Performed **Regression** **testing** on new builds, every modification in the application using **Selenium** **scripts**.
* Utilize **Python** to maintain and integrate with additional web & mobile Automation testing
* Implemented **Selenium** **GRID** for compatibility testing.
* Integrated **Selenium** Web driver with existing API to test framework.
* Created automated script for **REST**-**API testing** using **Rest Assured framework**.
* Extended **JUnit** framework by adding some helper classes and methods.
* Worked as a quality assurance engineer and developed unit test cases **using JUnit and java**.
* Implemented **JMeter** for load testing of all the integrated components.
* Created performance test scripts using **JMeter** to monitor response time and performance of the RESTful APIs
* Worked on **POSTMAN for API testing** (Service layer).
* Connected to database to Query the database using **SQL** for data verification and validation.
* Performed **back-end testing on Oracle Database** by writing SQL queries.
* Involved in developing detailed test cases and test scripts using **AzureDevops** for Functional and Regression Testing.
* Involved in Create Test Suit in **Quality** **Center** and execute them from QC.
* Used Quality Center to prepare Test cases, procedures and Requirements Traceability Matrix.
* Involved **in System testing, Functional testing, Regression testing and Smoke testing**.
* Performed Stress and Load testing using **JMeter** - used Thread Groups, Samplers, Plans and Proxy recording with listeners to calculate the average response time.

**Environment**: Selenium, Python, JIRA, Confluence, AzureDevops, Oracle, Postman, Windows and Linux

## ***QA Engineer***

### ***EY (Alpharetta, GA) Jul 2022- Oct 2022***

**Responsibilities:**

* Worked with Business Analysts for requirement and test scenario reviews and project status update.
* Participated in test plan creation and from the detailed requirements, created manual test cases for web applications.
* Used Quality Center for requirement analysis, scheduling and generating test cases.
* Logged, Tracked and reviewed Defects using Quality Center.
* Prepared Test Data and performed Positive and Negative testing.
* Participated in various types of testing like Functionality testing, GUI Testing, Regression.
* Testing, Compatibility testing and Integration Testing.
* Communicated testing discrepancies and facilitated closure with developer and business in a timely manner.
* Generated daily status reports and communicated test results on daily bases to QA lead.

**Environment:** HP Quality Center, Microsoft Word/Excel

## ***Senior QA Engineer***

### ***Factset, India Jan 2020- Mar 2021***

**Responsibilities:**

* Analyzed user requirements, including automated and manual business processes, and identified, researched, defined and documented business processes.
* Created manual and automated tests for several different modules.
* Performed Functional, Smoke Tests, End-End testing and Regression Testing on various **devises, Platforms and Web browsers**.
* Prepared test cases by analyzing functional requirement specification document.
* Developed and executed various scripts using **Selenium** for automated testing of various **functionalities**.
* Responsible for developing Automation Framework, Automation Test Plan and Test Scripts.
* Generated **Selenium Scripts** with Standard, Text, Bitmap, Table Checkpoints and also Synchronization Points.
* Generated **automated test scripts** for **functionality and GUI testing** and further enhancements were done in the script.
* Involved in preparing test cases using **Selenium Web Driver** to validate all UI components, Popups and Browser navigations.
* Involved in **Web services** testing using **REST-Assured** to send request and validate response **XML** or **JSON**.
* Effective utilization of tools **SOAP UI** and **Postman** while validating API responses.
* Prepared Test cases, Test plans and Test exit reports for new functional modules.
* Responsible for setting up of **Eclipse, TestNG** for development and execution.
* Wrote **SQL** queries to perform data validation and verification.
* Verified the Automated Test Result, and Logging defects in **QC, HP ALM and JIRA**.
* Involved in test scripts review, Verifying Test result, Mapping Test Cases and Test Scripts to Requirements.
* Participated sprint end demo meetings and worked closely with Agile-Scrum team members.
* Developed **unit test** cases on **Junit** framework for unit testing.
* Worked on internal process improvement to drive the digital automation.
* Involved in Bug Analysis, reporting and maintaining the complete bug life cycle using JIRA.
* Used web-debugging tools like XPath, Firepath to locate elements for Web/UI testing for Chrome and Firefox browsers.

**Environment**: Java, Selenium WebDriver, ALM, UFT, ARD, TestNG, Junit, Maven, Jenkins, Waterfall, Agile (Scrum), SOAPUI, Windows, UNIX, HTML, XML, Json, Xpath, HTTP, Firebug, SQL, RDBMS, SOAP, REST Postman, Android, iOS mobile.

## ***Quality Analyst***

### ***Cyient, India Mar 2018- Dec 2019***

**Responsibilities:**

* Prepared test cases for interfaces and reporting testing from the business requirements, and test scripts for User acceptance testing for Unemployment Insurance Systems at NC DES.
* Performed application interface testing for Medicaid **and Benefit Management** interface testing.
* prepared testing documentation of **Unemployment Insurance Systems Modernization (UISM) project**.
* Perform User Acceptance Testing in accordance with approved test plans and research unexpected results. Create test data required to perform UAT.
* Involved in the analysis, definition, design, implementation, and deployment of full software development life cycle (SDLC) of the project.
* Execute UAT Scripts and execute UAT batch jobs using **OPCON** tool.
* Preparing test cases using TFS and uploading them into the Share point.
* Perform Application Interface/Integration testing.
* Perform functionality, usability, design and basic security testing on citizen portal and worker portal.
* Performed Web Services testing and Validated XML request/response data using **SOAPUI**.
* Perform web application testing on mobile devices state utilizes multiple browsers and devices, plus Cross browser, SoapUI.
* Create, update and Execute SQL queries for reporting and interface UAT testing in Oracle database.
* Update Requirements Traceability Matrix by using **JAMA**.
* Create, update and execute automated test scripts. Maintain UAT Regression script libraries.
* Document all test results in the appropriate format in JAMA.
* Log all defects discovered during UAT using **JIRA and JAMA** tools.
* Provide recurring status updates on the daily interface status meeting and weekly team meeting status of UAT efforts.
* Participate in deployments to perform User Acceptance Testing.
* Analyzed test results and created test reports for audit purposes to improve the quality of testing and process in the future releases.
* Coordinated with **Developer**s and **Business** team to prepare test plans and endured functionality of all applications.
* Involved in the sprint meeting to finalize the user stories with Business analyst, stake holders, Development team and testing team.
* Participate in all scheduled and ad hoc meetings as required with the client and production support.
* Tests systems for functionality, accuracy, and adherence to specifications by performing systems integration, interface and **regression testing**.

**Environment**: JAVA application, JIRA, JAMA Center, Windows XP, Winscp, Quick Test Professional, JSP, SOAP UI, MS Excel, MS word, VM ware, SQL, Oracle 10g, TOAD, Putty, TFS, OPCON.

## ***QA Tester***

### ***AGS. India May 2016 – Feb 2018***

**Responsibilities:**

* Involved in reviewing business and technical requirements and translated them as test cases.
* Worked closely with the QA manager, developers and Senior QA engineers to understand needs, preferences, workflows, priorities, and schedules and to execute test strategies.
* Created detailed test cases for Manual Testing according to business requirements and functional requirements.
* Formulated Test plans from Business Requirements/Function Specifications documents.
* Ensuring proper documentation for the Software code changes.
* Responsible for designing, developing test plans, use cases and test scripts.
* Developed the test scripts and analyzed the results in various stages of the application including integration, regression, functional and acceptance testing.
* Involved in gathering and creating requirements and also worked on databases.
* Generated Test data for various types of testing to valid data, Invalid data, Partial data, and bad data testing.
* Reported defects about any failures during test execution process, in Quality Center.
* Actively participated in Status Reporting meetings.
* Performed Unit, Integration, Regression and system testing.
* Implemented RDBMS to add the additional condition for the system to support a tabular structure for the data with enforced relationships between the tables.

**Environment**: HP Quality Center, Junit, HTML, JDBC, Oracle, SQL, Eclipse, RDBMS, Tomcat, Windows, MS Office.

**Education Details**: B.com Osmania university(Bachelor’s) 2016.