Harshrajsinh P. Chauhan

**Summary:**

* Around 8+ years of Software Testing and Quality assurance experience in Client based and Web based applications using Manual, Backend, and Automation process
* Expertise in all stages of the Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) and in all dimensions of Functionality, Usability and Reliability.
* Design develop and implement different Test automation frameworks Like: Keyword driven, Data driven and Hybrid frameworks using Java.
* Expertise in different types of testing Smoke/Sanity testing GUI Testing, Functional testing, Retesting, Regression Testing, Integration Testing, System Testing, and UAT testing.
* Experience in waterfall and Agile methodologies
* Experience in Bug Tracking System, and process using JIRA, also expert in QC (quality center)
* Perform Smoke Testing, Integration, System, End-to-End, Regression, Backend, and Cross Browser testing (TestNG) also experienced with selenium Grid.
* Expertise in automation using Selenium WebDriver, with Java on TestNG, Junit library, JSON, HTML/CSS, JavaScript, Rest API Automation Testing with Postman.
* Manipulated testing data in the database, utilizing SQL DML operations to achieve desired testing outcomes.
* Developed and maintained a library of 300+ test cases in TestRail, ensuring comprehensive coverage.
* Developed and executed SQL scripts for automated testing and data verification on new software releases.
* Experience with Automation Testing of Client/Server, Web - based, API and Cloud (AWS) applications.
* Expertise in working knowledge of Core Java and Object-Oriented Concepts (Inheritance, Polymorphism, Exception Handling, Multithreading and Collections).
* Exposure to developed Test Scripts to implement Test Cases, Test Scenarios, and features for BDD (Behavior Driven Development), TDD (Test Driven Development) using Cucumber in Gherkins format.
* Attend daily Scrum meeting, Planning Sprint, and Retrospective meetings
* Created Spring Boot applications testing suite using Spring Junit plugin.
* Experience with Splunk to get the logs and analysis the network calls and generated logs
* Experience in working with Confluence, GIT and Bitbucket to maintain the updated files in common repository
* Use Jenkins for continuous integration, GitHub for version control management.
* Collaborated to develop automation framework from scratch and enhance by using Maven and Run the Test suite using TestNG.

|  |
| --- |
| **Technical Skills** |
| |  |  | | --- | --- | | **Operating Systems** | Mac OS X,, Linux, Unix, Windows, Android, iOS | | **Languages** | Java, J2EE, JavaScript, Python, PHP, SQL, Gherkin, HTML, XML | | **Database** | MYSQL, Oracle, MS-SQL Server, IBM DB2, TOAD, DB Visualizer | | **Network Protocol** | TCP/IP, HTTP, FTP | | **Testing Tools** | Selenium WebDriver, ServiceNow, Cucumber, Maven, TestNG, Junit, Jest, Extent Reports, Maven, Selenium Grid, Mockito, Appium, JMeter, Browser Stack, Git, GitHub, JDBC, Apache POI, Apache log4j, AWS, Jenkins, Dynatrace, Wire mock, Robot, Postman, Rest Assured, Protractor, Web Driver I/O, LoadRunner, TestFlight, Ready API, Circle CI, SVN, TestRail | | **Tracking Tools** | Rally, JIRA, ALM | |

**Education Qualifications:**

* Bachelor of Engineering - **BITS Pilani Dubai, UAE – 2012 - 2016**

**Experiences:**

**T-Mobile, Denver, CO May 2023 – present**

**QA Automation Engineer**

Responsibilities:

* Follow Agile methodology for UAT and STG testing.
* Build and maintain a robust API Testing strategy for API Microservices leveraging Postman.
* Collaboration with End-to-End QA Analysts to understand new Enterprise feature functionality and implement coverage
* Creating strategic core test plans with meaningful test steps and expected results based on functional requirements and User Stories.
* Design, Development and Execution of test cases and test suites focusing on efficiency and maintainability in Testrail.
* Developed end to end REST API on BDD framework (Rest Api Application/using Cucumber repository).
* Work with the Automation Engineer team to automate test scripts, enhance the scripts, debugging the scripts.
* Actively interacted with the Business users, product owner and the developers in the Agile team to understand the test scenarios.
* Performed data-driven testing using Apache POI library to read data from external sources like Excel Spreadsheet
* Experience in writing **SQL** queries for Back End **API Testing using tools like pgAdmin and MongoDB.**
* Manipulated testing data in the database, utilizing SQL DML operations to achieve desired testing outcomes.
* Managed source code and test cases using GitLab and GitHub, maintaining version consistency across the team.
* Coordinated with cross-functional teams, including developers, product managers, and UX/UI designers, to ensure cohesive product development.
* Tested compatibility of application for dynamic and static content under various cross browsers using HTML ids and XPATH in Selenium.
* Interpreted and converted manual test cases into automation smoke and regression suites.
* Experience with database management systems such as MySQL, Oracle, and SQL Server.
* Involved in design develop the test cases at Sprint level and test coverage for domain and APIs.
* Involved in implementation of Test Automation Framework build using Selenium WebDriver, TestNG and Maven
* Verify workflow logs in Splunk and error logs in Sentinel and trigger existing testing suit workflows using gitlabs.
* Perform E2E regression and new functionality testing.
* Guide and train new teammates bringing them up to speed in our SDLC process.
* Contribute and assess in backlog refinement with QA story points.
* Attend daily team stand ups, attend sprint planning meetings and give advice in sprint review and sprint retrospective.

**Environment:** JIRA, Confluence, TestRail, Postman, Selenium WebDriver**, REST, Maven**, Junit, TestNG, SQL, Java, XML, HTML, cURL,GitLab, MongoDB and pgAdmin.

**Dish Networks/Telus International, Denver, CO Aug 2021 – May 2023**

**SDET**

**Responsibilities:**

* Worked on several projects namely: SIM card Activation flow, NST migration, Telesales launch, Responsys switch from Adobe email triggers and new Republic Wireless web portal testing.
* Performed Republic Wireless app validations, regression and functional testing in legacy devices in lower and production environments.
* Performed mobile tests in both Android and IOS.
* Tested Activation flow by calling ATT and Ericsson APIs using Postman.
* Migrated over 100K+ customers from NST(Network Switching Technology) Bandwidth customer to T-Mobile network using automated workflow.
* Perform Database testing using **SQL queries** to validate the Accounts, Points and Rewards associated with the existing legacy Customers and Clients.
* Switching from My notification by Adobe to Responsys(Oracle) notification for a new customer experience and for business requirements.
* Experienced with **Agile (Scrum) methodology** approach.
* Project management tool used - **Rally.**
* Performed testing in QC, QB, QC and Prod environments, while Dish UAT team in lower and prod environment testing/
* Actively interacted with the Business users, product owner and the developers in the Agile team to understand the test scenarios.
* Created Test Cases and executed manually once the application was stable and documented the successful or unsuccessful completion of each test case in Excel spreadsheet for END – END Scenario based testing.
* Analyzed the user requirements, functional specifications and Use Case documents created.
* Good knowledge on **Kibana** search to identify the **JSON** payload sent in APIs and additional logs
* Interacted with developers to resolve technical issues and investigated the bugs in the application.
* Provided clear concise feedback to the development team on recurring errors both on an individual and team basis with the aim of long-term reduction of defects found in test results.
* Write the test cases based on the test scenario, test data.
* Execute the test scripts, analyze the result, and manage defects.
* Developed Automation framework from scratch using **Maven, TestNG** with java programming language.
* Check, and verify the Configuration file written in **XML.**
* Work with the Automation Engineer team to automate test scripts using Selenium Web Driver, enhance the scripts, debugging the scripts.
* Experience in Testing Databases of **RDBMS in SQL, Oracle, DB2 and SQL SERVER**.
* DB query, update, insert and function creation in **MySQL and DBeaver**.
* Use **GitHub** as a version control management system for the automation scripts and update repository.

**Environment:** Rally, Selenium WebDriver**, Spring, REST, Maven**, Junit, TestNG, **Jenkins**, SQL, Java, JavaScript, XML, HTML, cURL.

**Blackhawk Network, Pleasanton, CA Apr 2020 – Jul 2021**

**SDET**

**Responsibilities:**

* Collaborated with developers in an Agile release environment. Participated actively all SDLC process attending sprint planning, daily scrum, retrospective, and client's demo
* Daily collaboration with offshore and on-site team on day-to-day QA operational support
* Review requirements, specifications, and meaningful feedback.
* Create Test Cases and Test Scripts also Estimate, prioritize, plan and coordinate testing activities
* **Developed Automation framework** from scratch using **Maven, TestNG** with java programing language.
* **Implemented project structure based on spring MVC pattern using Spring boot. Used different type of Spring controllers depending on the business requirement.**
* Responsible for identifying test cases for Automation then design, develop and execute Automation scripts
* Performed different types of testing system, Functional, and Regression Testing manually and convert them to automated script using **Selenium WebDriver**
* **Performed test automation Development using test framework that implements Page Object Model (POM).**
* Used Continuous Integration Tools **(Jenkins)** for automation script run in nightly basis and to provide quick feed back to the developers.
* **Created Auto deploy jobs using Jenkins and Maven. Developed Spring DAO templates to all type of CRUD operations**
* **Lead in Installation, integration, and configuration of Jenkins CI/CD, including installation of Jenkins plugins.**
* Implemented **Maven** for Project building, and **Git** for code management.
* Developed and maintained automated test scripts to support regression testing and participated actively in system testing and regression testing.
* Performed and Monitor Release activity Every morning before 10 am in Test Environment for Functionality of the Application Performed backend testing for data validation using complex **SQL Queries** joining multiple tables
* Finding the defects and follow the Defect life Cycle Ability to use bug tracking and test management tools to support development processes using **JIRA**
* Raised a bug in **JIRA** and assign to associate developer with description and screen capture

**Environment:** **JIRA**, **Spring,** Skype for Business, Outlook, SharePoint, Share drive, Eclipse (IDE), Selenium WebDriver, **Java**, **JavaScript**, **TestNG**, **Maven**, Jenkins, Oracle.

**JP Morgan Chase, Austin, TX Nov 2018 – Mar 2020**

**Software Development Engineer in Test**

**Responsibilities:**

* Go through requirements and design docs and come up with test plans for complex projects.
* Write test cases based on product requirements and design documents and bring up if there are any discrepancies.
* Do Manual testing as well as write **front end automation** using **selenium page objects pattern** and **backend automation** test scripts in **Rest Assured** with **Java** and **TestNG**.
* Manage all the automated regression test suites to be always up to date, remove no longer needed tests and add new depending upon the ongoing projects.
* Triage any test failures that comes up in UI and backend automated test scripts in **Java** test frameworks.
* Tested **REST web services** using the different assertions like **HTTP assertion**s, security assertions, **XPATH**.
* Utilized web developer tools such as **POSTMAN** to do **API Testing** of **web services** and check if correct data is returned.
* Experience executing tests on **Amazon Web Services (AWS) and Microsoft Azure** cloud platforms
* Good experience in Web Services testing using **HTTP-Client**, **SOAPUI**, which involved in validating the **JSON/XML** response and verifying it against the expected output.
* Experience in Multiple Browser Testing using **Selenium GRID.**
* Used **UNIX** extensively while working on different Tests.
* Experience in writing **SQL** Queries for Back End **API Testing**.
* Attend daily scrum meetings and bring up any roadblocks or any features that are at the risk of meeting deadlines or being expected to not meet the minimum quality standards.
* Backend queries were conducted using SQL queries to validate and retrieve data from the Database in API Tests.
* Actively participate and give inputs in grooming, planning and retrospective meetings.
* Help performance testing team in writing perf test scripts and update selenium web-driver test scripts according to the changing features to keep the perf test scripts accurate and reliable.
* Always try to enforce best development practices within the team or if working across teams.
* Keep the automation test frameworks up to date with using latest libraries, in house dependencies and JRE etc.
* Responsible to unblock any team or any engineer that gets blocked by an ongoing project due to any environmental issues.

**Environment**: Java, MySQL, JDBC, JSON, XML, Rest, SOAP, Eclipse, Maven, Jenkins, TDD, CI/CD, Linux, **Selenium WebDriver**, **Rest**-**Assured**, SOAP UI, CI/CD, **JMeter**, Scala, Jira, Agile/Scrum, Wire Mock, **Junit**, TestNG, Surefire, GitHub.

**Alcatel Mobile, Dubai, UAE Jan 2017 - Sep 2018**

**QA Engineer**

**Responsibilities:**

* Extensively interact with the stakeholders and the IT Department in finalizing the requirements
* Extensively work throughout defect life cycle from opening to closure using **ALM**
* Work with the Automation Engineer team to identify elements with **Selenium** (Web app) and develop scripts with java programming language.
* Use **GitHub** as a version control management for the automation scripts and update repository.
* **Experienced with Agile (Scrum) methodology approach and follow-up with JIRA**
* Write the functions for business logic, enhance the scripts, and synchronize, debugging the scripts and save the time for regression testing, smoke, and sanity testing
* Responsible for working on enhancing the Automation framework
* **Developed end to end application on spring boot framework (Rest Api Application/Spring JPA using Crud repository).**
* Run the Test suite using **TestNG, Maven** for checking build and use **Jenkins** as Continuous Integration.
* Write **SQL queries** to perform Backend Testing.

**Environment:** Spring boot, **ALM**, JIRA, Rest API, GitHub, Eclipse (IDE), Selenium WebDriver, Java, **Junit, Maven, Jenkins,** SQL Server.

**Gadget Express,** **Dubai, UAE Jan 2016 to Dec 2016**

**QA Engineer**

**Responsibilities:**

* Involved in creating the test plans and test cases for each sprint
* Responsible for developing automation scripts using **Selenium** **WebDriver** and **SOAP** **UI**
* Conducted manual testing in the initial phase of the project
* Performed **API** **testing** using **JUnit** framework, writing unit test cases in Java.
* Performed some **backend** **testing** to make sure that the data at the front is in sync with the data at the backend.
* Involved in cross browsers testing using **Selenium** **grid**
* Performed **Regression** **testing** after modification in the application using **Selenium** **RC**
* Interacted with Business Analysts and Software developers for Bug reviews and QA meetings.
* Involved in client meetings to discuss the issues found while testing and understand the requirements.
* Executed comprehensive reporting to project team and management.

**Environment:** Java, **MySQL**, JSON, **Selenium** **grid,** Rest, Eclipse, Linux, **Selenium** **WebDriver**, **Selenium** **RC**, SOAP UI, Jira, Agile/Scrum, **Jenkins**, **Junit**, **TestNG**, GitHub.