Harshrajsinh P. Chauhan

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**Summary:**

* Around 9+ **years** of Software Testing and Quality assurance experience in Client based and Web based applications using **Manual,** **Backend, and Automation process**
* 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.**
* Hands on experience in SDLC and STLC life cycle
* Experience with Automation Testing of Client/Server, Web - based, **API and Cloud (AWS) applications.**
* Attend daily **Scrum meeting, Planning Sprint, and Retrospective meetings**
* **Created Spring Boot applications testing suite using Spring Junit plugin.**
* 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:**

Software Testing Tools: HP Quality Center (QC), ALM, JIRA, Eclipse, Selenium WebDriver, Selenium Grid, TestNG, Junit, Cucumber, Maven,

Jenkins, GitHub, SVN.

Web Technologies: HTML, XML, Json, Java, JavaScript, C#.

Databases: Oracle, MS SQL-Server, MS-Excel, MS-Access.

Browser: Internet Explorer, Chrome, Firefox.

Methodology: Waterfall, Agile (SCRUM), V-Model

Testing Languages: Java, SQL, HTML, XML, Gherkins

Other tools: Git, Azure, AWS, Jenkins, Docker

**Education Qualifications:**

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

**Experiences:**

**T-Mobile, Denver, CO(Remote) May 2023 – present**

**Sr SDET**

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).
* Led the automation effort by designing, developing, and maintaining automated test scripts using Python and Selenium WebDriver for web application testing.
* Wrote Python/Perl scripts to parse XML/JSON documents and load the data in database.
* Develop and maintain automated test scripts using the Karate automation framework for API testing.
* Designed and implemented automated testing solutions using Playwright, significantly improving test coverage and reducing manual testing efforts.
* Developed and maintained automated test scripts using Playwright (C#), contributing to a more robust testing framework.
* Developed and maintained automated test scripts using Playwright (C# and Python) and Selenium (Java and Python) to ensure application stability and functionality.
* Developed and maintained automated test scripts using Cypress for web applications, increasing test coverage by [60%].
* Developed automated test cases for web applications using Selenium WebDriver, ensuring cross-browser compatibility.
* Designed, developed, and executed automated test scripts using C# and Selenium WebDriver, ensuring comprehensive test coverage for web applications.
* Performed Automation Testing of each Build and Regression testing on each build using C# and Selenium Web driver.
* Worked on developing and maintaining internal applications like EAMS 5.0, Filing API, Filing API Dashboard, NGTS Web API, NGTS Wrapper, Validator Service, and EBMS (BPF & JCF) using technologies ASP.Net, C#, and MVC framework.
* Utilized Cypress for end-to-end testing, enhancing the overall reliability of the application.
* Performed API testing and validation using Postman, ensuring reliable communication between microservices.
* 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.
* Experience in writing **SQL** queries for Back End **API Testing using tools like pgAdmin and MongoDB.**
* Verify workflow logs in Splunk and error logs in Sentinel and trigger existing testing suit workflows using gitlabs.
* Strong Experience in POS/Mobile testing, extensive testing experience and working knowledge on reporting.
* Experience in creating test data and E2E testing for POS devices/applications.
* Strong experience in downstream and upstream testing of POS system.
* Involved in creating test data for POS though inventory controlled application.
* Perform E2E regression and new functionality testing.
* Knowledge/ experience with AWS services such as Lambda, RDS, Redshift, EC2, EMR etc.
* 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, C#, MongoDB, aws and pgAdmin. Karate Automation Framework

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

**Sr. 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.
* Test automation using Selenium, Appium and Python.
* 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.**
* Developed Action Methods for making API calls using EAMS Filing API, and made necessary modifications to Filing API, EAMS 5.0, and Validator Service source code using ASP.Net and C#.
* Performed testing in QC, QB, QC and Prod environments, while Dish UAT team in lower and prod environment testing/
* Configured Sauce Labs for cross-platform testing, significantly expanding test coverage across various browsers and operating systems.
* 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.**
* Senior level experience with javascript and cypress now.
* Extensive experience with testing design techniques as well as doing automation using Cypress and git.
* Worked on one of the Angular.js module automation using Cypress.
* Worked on performance testing of REST API’s by creating load scripts using Cypress.
* 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, C#, XML, HTML, cURL.

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

**Software Development Engineer in Test**

**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.
* Develop and maintain Python-based applications and software systems
* Test automation using Selenium, Appium and Python.
* 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.
* Created and executed DTE Automation test scripts suits using Pearl/Shell/python for regression test runs and identify software errors and interacted with dev team to resolve test issues.
* 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.
* Involved in automation testing using TOSCA.
* Worked on TOSCA integration with Jenkins.
* 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**, Tricentis TOSCA, SOAP UI, CI/CD, **JMeter**, Scala, Jira, Agile/Scrum, Wire Mock, **Junit**, TestNG, Surefire, GitHub.

**Alcatel Mobile, Dubai, UAE Aug 2016 - 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 identified element with **Selenium** (Web app) and developed script 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 Jun 2015 to Jul 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.