**Lovelesh k**

[**klovelesh19@gmail.com**](mailto:klovelesh19@gmail.com)

**(778)381-9348**

**PROFESSIONAL SUMMARY:**

* Over 5+ years of extensive experience in Software Quality Assurance **(Manual/Automation)** using Web-based, Desktop and Client/server application with strong business understanding knowledge in Cable, Airline, Healthcare, Retail Industry and Insurance domain.
* Experience in industry-standard methodologies like Software Development Life Cycle (SDLC), Software Test Life Cycle (STLC) using V Model, WaterFall, and Agile Model using SCRUM methodology and developing test automation solutions for Agile/SCRUM and Scaled Agile Methodology.
* In-depth knowledge of all QA Phases that include **Manual, Functional, System, Integration, End-to-End testing**
* Experience in various areas of Manual Testing like Functional, Compatibility, UI, Regression testing, and **UAT.**
* Experienced running **scrum calls and handle the team.**
* Involved in writing automated scripts for angular JS application using **Java scripts.**
* Experienced in test planning, developing test scenarios, test cases, Requirement Traceability Matrix, defect tracking, reporting & test automation.
* Experience in designing, developing, enhancing automated test scripts for **Selenium using Java.**
* Experience with **TestNG, JUnit, XML,** and **Data Providers** to work differently with a different set of data with **TestNG, Selenium.**
* Worked on different frameworks like **Data-Driven**, **Keyword Driven**, **Hybrid Driven** also experience in **test-driven development** (TDD), **Behavior-driven Development** (BDD), **Acceptance Test-Driven Development** (ATDD) approaches.
* Experienced in making Data-Driven, Keyword Driven, Hybrid, and **Page Object Model frameworks** with Selenium to maintain test suite.
* Working knowledge of Behavior Driven Development (Features, Scenarios, Step definitions GWT) with **Cucumber.**
* Experience in Testing Web Services using **SOAP UI** tools and **POSTMAN.**
* Experienced with **Protractor with Jasmine and Cucumber Framework using TS and JS both.**
* Expertise in performing Mobile Automation Testing using **Appium.**
* Experience in testing and handling different **frames** in the application.
* Involved in **End-to-End testing** of business rules on the Web-based application.
* Experience in working with different tools like **Apache POI** doing Data-driven testing. Experience in Cross Browser Testing using **Selenium Grid.** Created **Test Data** based on the testing scope using MS Excel.
* Experience using defect tracking tools such **as JIRA, Rally,** and **HP Quality center** for Issue tracking.
* Experience in Sanity, backend, front-end, functional, integration, regression, Smoke, cross-browser, cross-platform**, QTP/UFT,** performance, and stress testing.
* Experienced in load and **performance testing** tool **JMeter**.
* Experienced in using build automation tools such as **Maven** (to manage framework dependency jar files) and **Ant** for automating software build processes and code repository management tools like **SVN and GIT**.
* Experience in building **Test Plans** and **Test Cases** and navigating through the test lab, fully involved in the process of Defect identification and resolution using tools like Quality Center and **HP ALM.**
* Exhaustive Experience in Designing & implementation of Automation Frameworks including TDD, BDD, data-driven, keyword-driven, and hybrid using Selenium WebDriver, C#, **JavaScript.**
* Experience in performing **GUI, Functional** testing, **System** testing, **Regression** testing, **Backend** testing, **Smoke** testing using manual & automated testing tools.
* Experience programming in **Java**, **Python**, **JavaScript**, **HTML**, **XML,** and **SQL** on Windows XP, Vista Operating Systems, and **UNIX** environments. Experience with **Jenkins, SOAP, REST,** and other client-server API testing.
* **Good team player** and also can work independently in a time-sensitive environment.
* Self-starter and ability to adapt and learn new things quickly.
* Excellent Communication and Documentation Skills.

**EDUCATION:**

Bachelors in Electronics and Communication Engineering from IET Bhaddal/Punjab Technical University, India.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| * **Test Approaches** | Agile/Scrum, Waterfall, SDLC, STLC, Bug life Cycle |
| * **Testing Tools** | Selenium WebDriver, JMeter, Postman, QTP, HP load Runner, SOAP, Charles Proxy, Gatling, Protractor, Manual Testing, Appium (Android & iOS Testing). |
| * **Frameworks** | Page Object Model, Keyword Driven, Cucumber, Jasmine, Gherkin, TestNG, Junit, NUnit, Data Driven, ATDD, BDD, Hybrid Testing, Log4j 2. |
| * **Build &Integration tools** | Maven, Ant, Jenkins, Docker, Terraform, Bamboo, Hudson. |
| * **Programming Languages** | Java, C#, .Net. |
| * **Browsers** | Firefox, Internet Explorer, Safari, Google Chrome, Opera. |
| * **Operating System** | Windows Variants, Unix, Linux, Mac, iOS, Android. |
| * **Database tools** | MySQL, SQuirrel SQL, Postgres, Oracle. |
| * **Defect Tracking Tools** | HP ALM, Quality Center, Confluence, Team Foundation Server (TFS). |
| * **Scripting Languages** | JavaScript, Groovy Script, VB Script. |
| * **Markup Languages** | JSON, Xpath, HTML, XML, XCode, XSD, XSL, XSLT, JSP, AJAX, CSS |
| * **MS Office Tools** | MS Project, Outlook, Excel, PowerPoint, MS Access, Word |
| * **Other Utilities** | Eclipse, Microsoft Visual Studio, Webstrom, Notepad++, Sublime Text 3, IntelliJ, SQL, GIT, SVN, Bitbucket, TFS, Sauce Labs. |
| * **Types of testing** | Manual Testing, UI Testing, Integration Testing, Regression Testing, Black Box Testing, White Box Testing, Functional Testing, Performance, Smoke, Sanity, API and Unit testing. |

**PROFESSIONAL EXPERIENCE:**

**Client: ICBC, Vancouver**

**, BC | Jun’ 20 to Present**

**Role: QA Automation Engineer**

**Responsibilities:**

* Responsible for the entire QA Life Cycle, which includes requirement analysis, designing, developing, and execution of the entire QA process and documentation of test plans, test cases, and test procedures.
* Executed Test Suites for Sanity, Functional, Integration, Regression, Retest, and Smoke testing.
* Experienced in complete Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC) and Bug Life Cycle, SDET.
* Used HP ALM Tool for write and execute Function test cases.
* Involved in writing automated scripts for angular JS application using protractor and Java scripts.
* Responsible for creating Automation Framework for End to End Web Application Test in Protractor.
* Experienced working with team members including Dev and QA team and handled scrum calls during standup and reported blockers or issues to higher level to address those issues.
* Involved in Scenario analysis and logging data request to the Data team for various in sprint Automation for API and UI Automation using Protractor with Jasmine Framework.
* Developed data-driven Tests using QTP, HP ALM, QC, and Automated functional testing.
* Worked on CI/CD pipeline to deploy applications in the cloud.
* Expertise in developing Test Framework from scratch using the Page Object Model (POM).
* Worked with application development and operation teams using a variety of automated testing and build, and deploy tools (MAVEN, Ant, Nexus, JENKINS, SVN, Selenium, JUNIT) to resolve issues with transition to new DevOps solution.
* Support CI/CD (Continuous Integration and Delivery) using Jenkins, Sauce labs.
* Performed Regression testing on new builds using Selenium WebDriver and using the Hybrid framework.
* Worked on developing the automation scripts using Selenium WebDriver with Junit Framework.
* Expertise in Manual and Automated testing of applications developed on both IOS and Android operating systems using Appium.
* Provided constant guidance to team members in understanding the AMMagile process.
* Managed and executed the test process, using Agile Methodology.
* Effectively participated in every day agile scrum stand-up meetings and participated in Iteration planning and retrospective meetings.
* Expertise in documenting defects with a high level of detail, accuracy, and informative recreation steps using Quality Center, JIRA, etc.
* Hands-on experience in writing core java to access data from outsource files and used OOPS concepts in developing the Selenium framework.
* Experienced in performing Back end testing by executing complex SQL queries for validating the data in the backend database tables.
* Experienced in Test coordination between Onsite and Offshore team.

**Environment:** Protractor, GIT, Jasmine, HP Quality Center/ALM, MS Excel, UNIX, Maven, JMeter, JavaScript, SOAP, RESTful Services, SQL, Rally, Agile, GitHub, Log4J, Manual Testing, Defect tracking, the page object model (POM), VS Code, Selenium Web Driver, UFT, Selenium Grid, and Cucumber.

**Client: Rogers Communication, Toronto, ON | Dec’18 to May 20**

**Role: Automation Tester**

**Responsibilities:**

* Analyzed Business requirements and functional documents, created the test strategy document that defines the test environment, phases of testing, entrance, and exit criteria into different phases of testing and resources required to conduct the effort.
* Performed Agile testing, reviewed the stories, and participated in Daily Scrum, Iteration Planning, and Release Planning meeting.
* Developed and maintained Automated Regression test cases in Selenium WebDriver using Java programming language and Junit Framework.
* Used JavaScript libraries like protractor along with selenium for UI test execution assertions.
* Developed Automated functional test suites for multiple applications using the Ruby/Cucumber testing framework.
* Exhaustive Experience in Designing & implementation of Automation Frameworks including TDD, BDD, data-driven, keyword-driven, and hybrid using Selenium WebDriver, C#, JavaScript.
* Used SOAP UI tool to test SOA based architecture application to test SOAP services and REST API.
* Generated test reports and performed extensive Web Services testing using SOAP UI.
* Performed the build and Maven dependencies using the Maven build tool.
* Experience working with TestNG by using different Annotations.
* Executed multiple end-to-end scenarios by creating Test Suites and TestNG.XML File.
* Developed custom libraries for automation using JAVA & Selenium Web Driver.
* Maintained user documentation with TestNG output screenshots for User acceptance testing (UAT).
* Developed synchronization using implicit and explicit wait conditions.
* Incorporated the test data in Test scripts from Excel using Apache POI API.
* Created Automation scripts using Selenium Hybrid and Data-driven development framework.
* Experience in working with Build Systems like Ant, Maven, and continuous integration systems like Jenkins, Hudson, Team City, and Cruise Control.
* Support CI/CD (Continuous Integration and Delivery) using Jenkins, Pipeline, Sauce labs.
* Logged, Tracked, and Closed Defects using Defect Tracking Tool HP ALM.
* Developed Automation scripts for Mobile Native applications on iOS and Android platforms using Appium and Java.
* Experienced in using GitHub/GitLab and SVN as a source repository system to share code within the office as well as with the team overseas.
* Experienced in load and performance testing tool Load Runner.
* Created and maintained server-side integration tests using Python, JSON documents, MongoDB, and Robot Framework running with every build (git, Jenkins) on Amazon Web Services (AWS).
* Experienced in using the open-source environment in Linux and UNIX Platform for Web application testing.
* Daily and Weekly Status reports were updates to the Team Lead, Test Groups, and Test Managers to co-ordinate test cycles.
* Developed features and test scripts using BDD (Behavior-driven development) in Cucumber with Protractor.
* Developed Cucumber HTML, JSON test reports for analyzing the test outputs.
* Performance testing using JMeter tool.
* Conducted Database Testing (Back End Testing) using creating SQL Coding as per customer requirement.

**Environment:** Java, JMeter, Protractor, Selenium Web Driver, SOAP UI, Sauce labs, Test NG, Firebug, Fire path, XML, XPATH, DOM, Cucumber, SVN, Agile, Appium, LoadRunner, Internet Explorer, Maven, Chrome, Firefox, SQL, Jenkins, and HP ALM.

**Client: Capgemini, India | Jan’17 to Nov’18**

**Role: QA Analyst**

**Responsibilities:**

* Lab in the Quality Center for the projects to create and access requirements, defects, test cases and reports for the status.
* Worked on Onsite-Offshore model, leading DevOps Reviewed and analysed Business Requirement Documentation (BRD) to gain understanding of Health care Terminologies.
* Created test scenarios and test cases based on test plan and functional documents.
* Setting Test plan and Test in QA related activities for Deloitte Audit Engagement Management System (DA-EMS) applications.
* Experienced testing API using Postman, SoapUI and other Ready API testing tools.
* Hands on experience in test driven development (TDD), Behavior driven development (BDD) and acceptance test driven development (ATDD) approaches. Post
* I have extensive experience directing all aspects of Quality Assurance functions in diverse industries such as technology, cloud services, banking. Experience with Git and Subversion, Jenkins.
* I have extensive experience in cloud technologies, CI/CD and automation.
* Used Quick Test Professional (QTP) for regression testing and running the automation suite.
* Involved in web services testing with SOAPUI by validating request and response for XML and JSON files.
* Conducted test case reviews and presented the test cases/test scenarios to the team members for all iterations.
* Customized the QTP test as per the test Case by using the VB-Script.
* Executed SQL queries to verify the database for the relevant test cases.
* Maintained a complete set of Technical and User Documentation.
* Automated Restful services using Rest Assured API using java by following the TDD/BDD framework model
* Performed Functional testing, Integration testing, System testing, Positive testing, Negative testing, GUI testing and UAT testing.
* Implemented Data driven testing to verify the same functionality with multiple sets of data using Apache POI API.
* Involved in Maven configuration for running servers and scripts after the build.
* Contributed in developing Automation Framework that uses selenium WebDriver and TestNG framework implements using Data Driven, Page Object Model (POM).
* Involved in Jenkins CI/CD integration and configuration of selenium / Nunit and Postman /Newman for scheduled jobs.
* Designed and developed Webservice test automation using SoapUI and Rest Assured.
* Implemented Jasmine as a testing framework for Protractor.
* Identify real-world E2E OTT Video use cases & design/create performance test lab simulations.
* Involved in tracking defect and reporting defects to the developer team using JIRA.
* Defect testing and exploratory testing/ad-hoc testing performed after each build.
* Worked closely with development and project management teams for effective defect management and verify resolved bugs and track enhancements made to product.
* Worked with the following Test Automation and DevOps Automation technologies on my largest project to
* Tested Angular 2 Application with Jasmine testing framework and Protractor. Used TypeScript for automation.
* Developed test Framework in webdriverIO (JavaScript) for entire application including service calls, assertions, gitlab and teamcity integration.
* Involved in conducting tests on Web Services API transactions like automatic payment, wire transfer, and account transfers sent over HTTP by inspecting every XML request and response using SOAPUI.
* Created test data using Selenium, Java, and Java Scripts and provided frame work for creating test data for the application.
* Used Firebug, Fire path, Chrome developer toolkit and customized XPath and CSS to locate web elements.
* Used Selenium WebDriver to run test cases in multiple browsers and platforms.
* Worked on Protractor with Typescript and cucumber to write feature files to run Angular application test cases.
* Developed and executed SQL queries and procedures to perform database testing.
* Provided weekly status report to project manager and team lead, worked closely with Business and development teams
* Participated in every day stand-up meetings, iteration planning and retrospective meetings.