

**Summary:**

- 8 plus years of work experience in Application Development, Performance Testing, Automation and manual testing of Web apps with specializing in Software Engineering and QA Automation Engineer
- Experience in writing code through **Flutter**, hands on experience with **Karate framework**, day to day handling of fixing and writing **Selenium code** and maintaining it through **Github**. Schedule and maintain script run through **Jenkins**. Fetching data through database using **SQL** and using that data to update **HL7 messages**.
- Experience in all phases of Software Development Life Cycle (SDLC), Software Testing Life Cycle (**STLC**), Bug life Cycle in **Waterfall**, **Kanban**, and **Agile** methodologies and performing **white-box and black-box testing** in a **CI/CD** environment.
- Having extensive experience in writing and implementation of complex Test plans, design, Development and Execution of Test scripts for system and functional projects along with maintaining **Requirement Traceability Matrix (RTM)**, expertise in handling **Test Management Tool** and **UAT planning**
- Extensive experience in System testing, Smoke testing, Integration testing, Unit testing, Ad-Hoc testing, UAT testing, Performance testing, Functionality testing, and Regression testing.
- Proficient in using test automation test tools (i.e. **Cucumber**, **Selenium**, **Quality Center**, **Postman**, **Jenkins**) to develop automation-testing scripts for web.
- Hands on experience in Test automation using different Automation tools/techniques, Unit testing by using **Selenium Web Driver/IDE**, **TestNG**, **Maven**, **Fire Path**, running scripts, debugging scripts in different environment, extracting test results, Cross browser testing, and data validation, following BDD framework.
- Have solved typical scripting problems through **JavaScript and Selenium** combination.
- Experience in the development of Data driven framework in **Selenium**, **Execution of Selenium scripts in collaboration with JIRA** using **Page Object Models**.
- Sound knowledge on concept like JAVA and experience in writing automation scripts and Good Knowledge about **DevOps** and **SQL**.
- Experience in testing of **Web services, API Testing**.
- Experience in pulling data through database using **IMS DB Tool**.
- Well versed in different management scenarios like Quality Assurance, Defect Tracking, System Integration, and Task Scheduling.
- Experience in working with Test Management/Bug Tracking tools like **HP ALM/Quality Center/IBM Rational Team Concert (RTC)** to track test execution progress and prioritize bug fixes.
- Experience with Load and performance testing of different applications.
- Hands on Experience with Mobile Testing over different mobile configurations.
- Effective problem-solving skills, outstanding interpersonal skills, and good in written and verbal communication. Ability to work independently as well as within a team environment. Driven to meet deadlines. Motivated to produce robust, high-performance software.

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#### **Education and Certifications:**

- Bachelor's in Engineering, UIT-RGPV University (UIT-RGPV, Bhopal), 2014, INDIA.
- Certified in OCJP and ISTQB.

#### **Technical Skills:**

Methodology	Agile, Semi Agile, Waterfall, Scrum, SDLC, STLC, Kanban
Tool	Figma, SourceTree, Atlassian, GitHub, Selenium IDE, Selenium RC, Selenium WebDriver, Cucumber, Jenkins, Figma
Framework	Flutter, Karate, JUnit, TestNG, BDD
Bug Tracking Tools	HP Quality Centre, ALM, JIRA
Web Service	Soap UI, Postman
Programming Languages	HL7, Java, HTML
Database/Database tools	SQL Server
Operating Systems	Windows (7, 8, 10), Mobile Automation

#### **Work Experience:**

##### **Software Engineer**

**Company Name: Commure Care and Commure Perform (former called as Patient Keeper)**

**Duration: March 2021 – January 2023**

##### **Responsibilities:**

- Worked as Software Engineer and contributed in creating Flutter scripts to create Dashboard that can showcase Mobilizer status and fetch data through GraphQL for its more details and reflect it on UI and updating code through GitHub and SourceTree.
- Took help of Figma design tool to analyze the look and field of the Dashboard.
- Worked on Karate Framework to deal with API calls and written scripts to validate data accuracy on UI. In this journey able to get good hands on experience with JSON files and detailing through it to get required data.
- Being a team player helped the offshore team to share knowledge on Karate with them and helped them review their Pull Requests.
- To avoid any sudden crash of application by excessive usage by customers, able to handle Performance Testing Automation scripts and schedule daily run through Jenkins and fix associated issues.

**Environment/Tools:** Flutter, Karate, Figma, Java, Selenium, Jenkins, JIRA, SourceTree and GitHub.

##### **Senior SQA Engineer**

**Company Name: Commure Care and Commure Perform (former called as Patient Keeper)**

**Duration: March 2020 – February 2021**

##### **Responsibilities:**

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- Worked as Senior SQA Engineer and contributed in handling Performance Testing Automation scripts and schedule daily run through Jenkins and fix associated issues.
- Soon after getting the grip of the product was assigned as a automation resource to other Agile team where need to help the team in development and also mentor other developers and manual testers to write functional automation script for the code they complete and review their pull request.

**Environment/Tools:** Java, Selenium, Jenkins, JIRA, SourceTree and GitHub.

**QA Lead (Automation and Manual Test Engineer)**

**Client Name: Massachusetts Medical Society, Massachusetts, US**

**Project - 1: Journal**

**Duration: February 2019 – December 2019**

**Responsibilities:**

- Worked as **QA Lead** with a team of 6-8 people for a module in Offshore on a new product.
- Have gathered knowledge about Journal and associated requirements for it.
- Worked closely with developers.
- Coordinated with Offshore team to deliver product with high quality standards.
- Maintained high quality deliverables on time.
- Involved in planning, designing and executing different test cases in Sprint in BDD framework.
- Used Selenium WebDriver, TestNG, Cucumber, Postman, and Maven technologies under Java platform.
- Performed testing on various browsers like IE, Chrome, and Firefox and ensured compatibility on different browsers.
- Used Selenium (XPath and CSS locators) to test the web application.
- Participated in daily, weekly meetings, and technical reviews. Prepared reports showing the testing efforts.

**Environment:** Java Selenium WebDriver, TestNG, Maven, Jenkins, Postman, Windows, JIRA, and JUNIT.

**QA Engineer**

**Client Name: Massachusetts Medical Society, Massachusetts, US**

**Project - 2: Digital Analytics**

**Duration: May 2019 – December 2019**

**Responsibilities:**

- Worked as **QA Engineer** with a team for collecting and analyzing data to track the data in production.
- Have gathered knowledge about Data and associated requirement to analyze the data for it.
- Worked closely with developers
- Maintained high quality deliverables on time.
- Involved in planning, designing and executing different test cases in Kanban Model.

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- Performing testing on various browsers like IE, Chrome, and Firefox and ensured compatibility on different browsers.
- Participated in daily, weekly meetings, and technical reviews. Prepared reports showing the testing efforts.

**Environment:** Beacon, Windows, and JIRA

**Test Lead (Automation and Manual Engineer)**

**Company Name: TATA Consultancy Services (TCS)**

**Client Name: USAA (United Services Automobile Association), San Antonio, TX**

**Project: MVT (Multi Variant Testing)**

**Duration: January 2017 – March 2018**

**Responsibilities:**

- Worked as **Test Lead** with a team of 6-8 people for a module in Auto Insurance Domain to eradicate the issues that user experiences in the application and help in producing a user friendly application by analyzing the customer chat history.
- Since Insurance domain requires all types of insurance parts to generate a policy including Travel insurance, Property and Casualty insurance, Auto Insurance, Renters' Insurance, Home Insurance, Liability Insurance etc. Have good knowledge over all these policies.
- With team effort presented new ideas to clients for their application through video conferencing.
- Worked closely with developers to implement the approved ideas and took it to the final production step from offshore side.
- Received appreciations for decreasing the Customer Application Quitting Rate drastically.
- Maintained high quality deliverables on time.
- Have created Datasets, Test Plans, and Test Scripts for execution, and validated results in Database through IMS DB.
- Involved in planning, designing and executing different test cases for Smoke, Functional, Regression, Integration, User Acceptance, and GUI testing.
- Writing and executing test scenarios, test cases and test scripts for web applications using JAVA, Selenium WebDriver, and TestNG with a good analysis of the element locators and web driver methods.
- Responsible for implementation of Test Automation Framework build using Selenium WebDriver, TestNG, and Maven technologies under Java platform utilizing industry leading harness design patterns and approaches.
- Performing testing on various browsers like IE, Chrome and Firefox and ensured compatibility on different browsers.
- Worked on test automation execution on different environment as part of Continuous Integration Process using Jenkins.
- Used automated JAVA scripts and performed functionality testing during the various phases of the application development using Selenium.
- Implemented Regression and Smoke tests execution as separate step of deployment process by using Selenium WebDriver.
- Extensively used Selenium (XPath and CSS locators) to test the web application.

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- Participated in daily, weekly meetings and technical reviews. Prepared reports showing the testing efforts.

**Environment:** Java, Selenium WebDriver, TestNG, Maven, Jenkins, IMS DB Tool, XPath, Windows, IBM RTC, and JUNIT.

**Test Lead (Automation and Manual Engineer)**

**Company Name: TATA Consultancy Services (TCS)**

**Client Name: USAA (United Services Automobile Association), San Antonio, TX**

**Project: V2 (Code Name for Method Based Testing)**

**Duration: Jun 2015 – Dec 2016**

**Responsibilities:**

- Worked as **Test Lead** for a module involving unique Testing methodology referred as Method Based Testing for all kinds of policies that USAA offers including Travel insurance, Property and Casualty insurance, Auto Insurance, Renters' Insurance, Home Insurance, Liability Insurance etc.
- Have considered all the methods that developers modify for a particular release, then created test cases and scripts to cover the areas where it affects the system.
- Validated results in database.
- Participated in Big Room Planning with developers to outline ninety day working schedule for the team.
- Participated in the review of Business Requirement Documents, Functional Specifications documents to understand the requirements.
- Developed test scripts to perform Integration testing, System testing, Regression testing, User Acceptance testing (UAT) and Back End testing of an application.
- Tested compatibility of application for dynamic and static content under various cross browsers using HTML ids and XPATH in Selenium.
- Extensively used Selenium (data-driven, XPath locator) and WebDriver to test the web application.
- Developed Automation framework data driven using Selenium WebDriver in JAVA and performing unit testing by using JUnit.
- Responsible in writing and executing Selenium test scripts from scratch on different browsers and checked for compatibility.
- Involved in Unit Testing the code and provided the feedback to the developers.
- Performed End-to-End testing by Manual and Automation.
- Reported Defects in testing tool for any Test Case failures during Test Execution.
- Interfaced with developers to resolve technical issues and investigated the bugs in the application.
- Prepared the reports related to the modules that I have tested and helped the reporting needs of the project.

**Environment:** Selenium WebDriver, Keyword Driven, Data Driven Framework, Xpath, JUnit, Chrome, Firefox, Internet Explorer, and Excel.

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**QA Engineer (Manual and Automation)**

**Company Name: TATA Consultancy Services (TCS), Hyderabad, India**

**Client Name: Transamerica, San Francisco, California**

**Project: Waterfall**

**Duration: September 2014 – May 2015**

**Responsibilities:**

- Worked as Tester in a project based on Waterfall Model.
- Created Test plans and learned the work flow.
- Developed Selenium Based Test scripts and provided session to the teams about the Best Practices used into it.
- Prepared Test Plan, test Cases, Test scripts and Test Metrics for the application as well as for the database verification based on the functional requirements.
- Worked in Waterfall environment, with an ability to accommodate and test the newly proposed changes at any point of time during the release.
- Evaluate and analyze Business Requirements, Functional Specification documents.
- Developed and executed test plans, test cases and test matrices utilizing QA best practices and standards.
- Have done Manual Tests by analyzing product use cases, and requirements as well as technical design and implementation artifacts to create test cases that execute the specific product functions.
- Designed, developed and implemented automation testing framework utilizing JUnit and Selenium WebDriver.
- Created Test plan, High level scenarios, test case construction and test estimates, resource estimates and weekly status reports in HP Quality Center.
- Prepared Requirement Traceability Matrix (RTM) to trace test cases to functional requirements. Involved in developing the tractability matrix in Excel sheet.
- Performed Automation for regression using Selenium WebDriver and Selenium GRID.
- Used Selenium WebDriver for automating of Testing on IE, Firefox and Chrome.
- Used automated scripts and performed functionality testing during the various phases of the application development using Selenium.
- Have experience with evaluating the application over Load capacity through Load testing and performance testing.
- Used Selenium tool (selenium IDE is a plug-in to Firefox) to record and playback tests and then export the recorded test in other language e.g. HTML.
- Involved in Functional Testing as Unit test, Method test, Test Suite, Integration Testing using different JUnit methods.
- Used SoapUI for web services testing and validation.
- Used Quality Center for bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status.
- Developed and executed basic SQL queries to verify the details.
- Prepared user documentation with screenshots for UAT (User Acceptance testing).

**Environment:** Selenium WebDriver, Selenium IDE, JUnit, Soap UI, Waterfall, Eclipse, Load Runner, SQL, SOAP UI, Quality Center.