**Indira**

Danville CA 94506 • 410-697-5985

**Summary**

* **8+ Years** of experience in Analysing, Designing, and Implementation of **QA testing** strategy for Web-based and Client/Server applications using **Automation** **testing** on **Windows, UNIX,** and **LINUX** platforms.
* Hands-On knowledge and Good experience in various phases of **Software Testing Lifecycle (STLC) under SDLC methodology** like **Agile** and **Waterfall** **models**.
* Experience in **integration** **testing**, **UAT** **testing**, **functionality** **testing**, and **regression** **testing**.
* Experience in Designing & implementation of Automation Frameworks including **TDD**, **BDD**, and **hybrid** using **Selenium** **WebDriver**.
* Proficiency in Automating Web Application Testing using **Selenium IDE** with **Junit, TestNG framework.**
* Knowledge of analysing business specification documents, designing and developing **Test Plans, writing, executing,** and **automating Test Cases**.
* Experience in working with open source tools **Selenium (Selenium IDE, Selenium RC, Selenium Web Driver)**, **Eclipse,** and preparation of automation test framework.
* **Got exposure** to work with **Project** **Manager** and **Business** **Analyst** to understand the requirements for the project **along** with **feasibility** study.
* Expertise in **Selenium** **automation** using **Selenium** **WebDriver**, **Selenium** **Grid**, **JUnit** & **Maven**.
* Good experience in testing both **SOAP** and **REST API** services using **SOAP UI**, **Postman,** Rest Assured, and tested both **XML** and **JSON** formats.
* Advanced understanding **for End to End API testing** for **manual** and **automation** creating the API documentation to help the **team** to **monitor** the **API** flow.
* Experience in using **Automated** tools like **Cucumber** test framework for **Client**/**Server**, **Web,** and **database** **applications**.
* Experience in load and performance testing tool **JMeter**.
* Experience in Understanding the code written in different programming languages like **SQL** and databases like **SQL** **Server**.
* Experience in **Back** - **end** **testing**, **data** **validation**, **Database** **testing** using **SQL** **queries**.
* Worked with version control utilities including **GIT**, bug, and defect tracking using tools like **Bugzilla**, **JIRA**.
* Experience in writing and executing **SQL** **queries** to perform Data Validation and Back end testing of databases to check the integrity of data.
* Good Working knowledge of **Windows**, **Linux,** and **MS - Office Suite** (**Word, Excel, PowerPoint**).
* A resourceful team player with good **Interpersonal**, effective **problem** **solving**, and **decision**-**making** skills. Looking ahead for a great career in a fair working **environment** with **opportunities** to grow.

**Skills**

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| **Methodologies:** | SDLC, STLC, Agile, Waterfall |
| **Testing Tools:** | Selenium WebDriver, QTP, JUnit, SOAPUI, Win Runner, Load Runner, **TestNG, Postman**, Cucumber, JMeter, Jest |
| **API Technologies:** | REST, Web Services, SOAP UI |
| **Bug Tracking Tools:** | Bugzilla, JIRA |
| **Programming Language:** | Java, Learning: Python |
| **Build/ CI Tools:** | Maven, **Jenkins, GIT, SVN** |
| **Databases Technologies:** | MSSQL, Oracle, MYSQL, JSON, XML |
| **Platforms:** | Windows, UNIX, Linux |

**Experience**

**Client: Comerica Bank, Dallas, TX. Jun 2022 – Current**

**Role: Lead QA Automation Engineer**

# *Responsibilities:*

* Analysis of Business and Requirement Specifications and formulation of Test Strategy, Test Plans, Test design and Implementation.
* Participated in implementing **test-plans** and **test-cases** built on **high-leveled** and **detailed design meetings**.
* Worked extensively in writing and executing **Selenium WebDriver** automation script in **Java** for cross browsing testing.
* Used **Java** language and **TestNG** framework for scripting. Used **TestNG**framework to run **unit test.**
* Used **Selenium WebDriver** and **TestNG** to run the parallel testing.
* Developed re-usable function using **TestNG** for the Test Automation.
* Used **Maven** for building the Web Driver project.
* Used **Cucumber** automated testing to test new and existing functionality. Developed **BDD tests** using**Cucumber** by writing behaviors and step definitions.
* Contributed to the **Continuous Integration** pipeline running component builds, creating and running Deployment jobs on individual stages on **Jenkins**, and running **automated** and **manual** **functional** tests.
* Involved in analyzing the Functional requirements and involved in writing **Test** **cases** and analyze the Test Results.
* Involved in **GUI, Functional, Regression** and **System** Testing.
* Performed cross browser functional testing using **Selenium WebDriver.**
* Worked on **Selenium GUI** Object/element verification is done through **XPath, CSS** Locators.
* Cooperated and performed with development group to resolve the difficulties that came across in a test execution.
* Performed **REST Web Services API** testing using **Postman** and validated responses with multiple **assertions.**
* Performed routine check on **defect status** and report Project Managers of daily outcomes.
* Reported the **defects** in a **timely manner** and logged the same in the defect tracking tool.
* Developed test oriented **SQL queries** to query the database to test the back end process of the application.
* Involved in multiple Software Development Methodologies including **Agile based Scrum Methodologies** to Automate Product testing.
* Performed manual Regression Tests to validate requirements are met as desired. Contributed in regular **status meetings** to state any defects, problems and risks.

**Environment:** Java, Selenium WebDriver, TestNG, Maven, Cucumber, Jenkins, Eclipse, Xpath, XML, CSS, REST, Postman, SQL, Agile and Windows. jest

**Client: Emblem Health, New York, NY. Feb 2019 - May 2022**

**Role: QA Automation Engineer**

**Responsibilities:**

* **Reviewed** the Requirement document and prepared **ambiguity resolution sheet** to get clarification from the Business Analyst.
* Used **Selenium IDE** to record, playback and debug individual test cases, used **Selenium WebDriver** to automate more test case.
* Selected the Test Cases to be automated and performed functional testing of the front end using Selenium Web Driver& created Data Driven framework using **TestNG.**
* Used **Selenium WebDriver** APIs for writing **TestNG** test suites and test cases for testing functionality.
* Involved in design and implementation of **Selenium WebDriver** automation framework for **smoke** and **regression** test suites.
* Developed Automation scripts for new enhancements using **Selenium Web Driver and TestNG.**
* Integrated the scripts and executed them as a suite using the build integration tool **Maven.**
* Involved in pushing the automated test code into CI (Continuous Integration) and monitored the test execution in **Jenkins** once the code pushed into CI.
* Used **GIT** as code repository and Code Collaborator to manage code reviews.
* Involved in using **Appium** to develop Automation testing scripts for **Mobile Development** and client-server applications.
* Developed and Design Automated Framework with **Protractor** for **Angular Applications.**
* Prepared detailed **Test Plan** based on user stories and Technical Specifications Document.
* Prepared **Test scenarios and Test Cases** from the given requirement document.
* Documented **Requirement Traceability Matrix** to ensure the coverage of the requirements.
* Performed smoke testing, functional testing, integration test, data driven testing, end to end testing, performance testing and regression testing.
* Tested request and response **XML's** based web services interfaces using **Postman.**
* Performed functional testing of **SOAP and RESTFULL** Web Services using **Postman** Tool.
* Documented and tracked test scripts, test results and reported test defects using **JIRA.**
* Conducted System Testing and User Acceptance Testing for every client and conducted Backend testing writing extensive **SQL queries.**
* Worked in **AGILE** environment, Attending Daily Scrums, Sprint Planning, Retrospective Meetings and prepared weekly status Reports on Automation.
* Participated QA weekly meetings and various other meetings and discussed Enhancement and Modification Request issues and defects in the application.

**Software Development Engineer in Test, Butterfly Appliances Ltd** Jan 2017 - Jan 2019

* Developed cross browser tests using Selenium and Java for the company s eCommerce web application.
* Integrated tests with companies Jenkins server.
* Developed reusable Java libraries and test diagnostics tools which offers functionality like capturing screenshot and browser console logs and writing to file for later analysis. This library is consumed by multiple team members to enable test diagnostics.
* Developed a parsing tool which is responsible for parsing xml test results produced by different teams, the results are stored in MySQL database for later analysis.
* Developed and maintained a suite of diagnostic tools which were written using Java and Shell script to capture port usage, system memory and important system metrics for postmortem analysis.
* Improved existing tests by fixing sporadic failures thereby improving overall efficiency by 60%.
* Kept all test libraries updated in our maven dep graph thereby improving operational efficiency by 90%.
* Performed REST Web Services API testing using Java and RestAssured framework.
* Involved in multiple Software Development Methodologies including Agile based Scrum Methodologies to Automate Product testing.

**Programmer Analyst, Cognizant Technology Solutions** June 2014 - June 2016

(Client: Capital One)

* Developed web automation scripts for cross browser testing in Java.
* Developed test oriented SQL queries to query the database to test the back end process of the application.
* Prepared detailed Test Plan based on user stories and Technical Specifications Document.
* Prepared Test scenarios and Test Cases from the given requirement document
* Used Java and Selenium to write automation scripts to validate client's mortgage database.
* Served as the point person for the automation scripts that handled mortgage database transaction tests.

**Education**

**Master of Business Administration**

SSN SCHOOL OF MANAGEMENT March 2017

**Bachelor of Science**

SRM INSTITUTE OF TECHNOLOGY March 2014