# **Bhavani**

Professional Summary:

* Over 6 years of work experience in Software Quality Assurance and Testing in diverse applications on various platforms as **QA Analyst.**
* Extensive experience developing and working with **Automation Frameworks** using **WebDriver, Java, TestNG, HttpClient and Appium.**
* Strong knowledge on building **hybrid automation frameworks** using **PageObject, DataDriven, KeyWord Driven, Modular frameworks and Java libraries like Apache POI, log4j etc.**
* Experience in using **Java core concepts** and **design patterns** like **inheritance, abstraction, Singleton, Factory** patterns to avoid code redundancy in building strong AutomationFramework.
* Worked on creating many locators for dynamicaly changing id’s using **Xpath and CSS Selectors.**
* Extensive Experience in automating **REST API**’S testing using **SoapUI and HttpClient.**
* Worked with **REST API’S** data driven testing using **SoapUI groovy, datasource loops** and **TestNG** with **HttpClient.**
* Experience in testing native mobile applications using **Appium**. Experience working with **Android SDK, UIAutomatorViewer, Appium Inspector, ADB, logcat.**
* Worked on **performance testing** of **REST API’S** and **UI applications** using **Jmeter load scripts** with **ThreadGroups, Samplers, Controllers, Assertions and Listeners.**
* Experience in **Agile - Scrum Methodologies.**
* Experienced in configuring **parallel tests** with **Selenium Grid and TestNG.**
* Extensive Experience working with **Maven** as build and project management tool, **Jenkins** for **Continuous Integration**. Worked on Jenkins with **Git** integrations.
* Worked with project and defect management tools like **Rally, Jira and QC.**
* Good exposure to Oracle RDBMS, **SQL** and Writing **SQL** scripts for Backend/Database testing.
* Familiar with version controlling software’s like **SVN, PVCS , GIT And Code Review Tools** like **Gerrit.**
* Worked on POC to automate **REST API’S** testingusing **Chakram** and **UI Automation.**
* Knowledge on **SPA** applications testing using protractor - **AngularJS** applications testing framework.
* Excellent **organizational, technical and problem solving skills** with a special talent for team oriented assignments, communication, inter-personal skills and can multitask various deliverables.
* Working knowledge on software development process, project management and testing lifecycle methodologies like **Waterfall, Spiral and Agile Models.**
* Excellent understanding of **Software Development Life Cycle** and **Test Methodologies** from project definition to post-deployment documentation
* Experience in preparing Test Plans, Test Cases, writing Test Scripts by decomposing Business Requirements.
* Extensive experience in **Functional, Regression, User Interface, Integration, User Acceptance,** and **System Testing.**
* Amicable, analytical and adaptable to new environments

**Technical Expertise :**

**Testing Tools** **:** **Selenium Web driver, JMeter, Postman, SOAPUI, TestNG, Appium,HttpClient.**

**Defect Tracking Tools** **:** **Rally, Jira, Quality Center, ClearQuest.**

**Languages** : **JAVA, SQL, Groovy, XML, HTML, Xpath.**

**Database : Oracle, SQL Server, MongoDB**

**Operating** **Systems**  **: UNIX, Windows**

**Tools & Utilities** **: SVN, GIT, Maven, Jenkins,Eclipse, SQl Developer, Toad**

**Professional Experience (Projects):**

**Role** : **QA Engineer Aug15 -Present**

**Intuit, Mountain View,CA**

**Project Description:**

### QuickBooks provides accounting software solutions for individuals and businesses. It also gives tax filing software and a portal to connect tax and accounting professionals with their clients. ProAdvisor is available to accounting, bookkeeping, tax, and consulting professionals who are providing services to third-party clients. This Program provides various resources, software and discounts to members to better serve their customers. It also offers certifications, which helps member to increase their ranking on Find-a-ProAdvisor Website.

**Responsibilities:**

* Created functional automation scripts for the report generation module using **Selenium Web driver, Java** and **TestNG**.
* Worked on creating many locators for dynamicaly changing id’s using **Xpath and CSS Selectors.**
* Developed Selenium test scripts for identified test cases using **page object** pattern.
* Created data validation in white box testing environment using API’s for expected data.
* Setup the Automation framework using **Selenium WebDriver** to run test cases in multiple browsers and platforms.
* Used **Selenium WebDriver** and **TestNG** to run the parallel testing by creating Groups, and categorizing test cases.
* Built an **API** framework with **HTTP** Components and Jackson for testing **REST** Services.
* **JMeter** used to load test Web services. Created test plan in **JMeter** and used Regular Expression Extractor to get a session ID from the server response and created User Defined Variables for storing values that can be used in different parts of the load-testing scenario.
* Wrote Data driven automation test cases using **TestNG** framework.
* Raised defects and updated/tracked defects using **Rally** on specific user stories allocated.
* Evaluating/Researching/Implementing automation framework for **Angular.JS** using **Protractor**.
* **Used Maven, Git, Jenkins** to maintain and execute automation scripts.
* Designing and writing test cases based on the acceptance criteria of the user story assigned.
* Worked on **REST API** automations using **HttpClient and org.json** to parse json and add assertions on response.
* Performed automation testing using **Selenium** and **Appium** for regression testing
* Used **SQL** for data integrity testing, captured the **SQL** statements from the application execution and verified in SQL Developer.
* Worked on framework to execute test cases using CI – **Jenkin** Jobs using **Maven**, **TestNG** and Selenium Web driver.
* Created own wrappers for Configuration, **WebDriver**, **WebElement** to make code reusable.
* Worked closely with the developers within the **SCRUM** team.

**Environment:** Selenium Web Driver, Eclipse, Postman, HttpClient, Appium, Test NG, JMeter, Scrum methodology, SQL, Java, Unix.

**Role: QA Engineer April2014- July2015**

**Client: Macy’s - San Francisco, CA**

**Project Description:** Macy’s is a US chain of mid to high range department stores. Web based Customer Order Management System is a pre-packaged composite application that streamlines and automates creating, managing, and coordinating customer orders and related customer order information. Customer Order Management provides centralized visibility into the process of generating, tracking and managing orders across departments. Macy’s web based Customer Order Management allows customers to view order status, order date and time, shipping information, billing information, exchange and return information and order related questions.

**Responsibilities:**

* Involved in writing **Selenium scripts** using **WebDriver** for automated testing,.
* Writing test scripts to test **REST and Soap webservices using SoapUI.**
* Executed **Jmeter load scripts** to analyse performance factors like scalabilty, reliabilty and speed of application and API’s.
* Performed functional, UAT, smoke, regression testing and recorded issues along with product enhancements. Worked with Engineers to troubleshoot problems and inconsistencies
* Used **XPath** in the context of **Selenium** in order to pick out page elements in a robust manner by
* Consuming data through **JSON** web services using Blocks for asynchronous calls via third party networking
* Tested native mobile applications using **Appium**. Experience working with **Android SDK, UIAutomatorViewer, Appium Inspector, ADB, logcat.**
* Used **Maven**, **Selenium WebDriver, and Java** with Jenkins to create nightly automation scripts.
* Created automated test scripts via **Selenium Web Driver** for **U**I and functional testing which can be added to **TestNG** based automatic regression test suite.
* Communicate effectively with both management and peers while detecting/solving issues.
* Developed and executed **SQL** statements for the database testing.
* To make sure the velocity of the team is maintained in an **AGILE** environment during releases.
* Used and monitored **JIRA** to log, track and close defects as and when developers provide fix.
* Interacted with End users and investigated issues relating to **QA** during **UAT** Phase
* Validate the code in production environment during production deployment

**Environment** **:** SQL, Java, WebDriver, JUnit, SoapUI, SOAP, Jmeter, Jira, SQL, Oracle, Maven, Appium,JSON, Agile, Maven, Jenkins.

**Role: QA Engineer Feb2013 to March 2014**

**Client: Emprise Bank, Wichita, KS**

**Project Description:** Emprise Bank offers a full range of financial services to commercial and business customers and consumers. Emprise Bank provides investment management, retail and commercial banking, consumer finance and investment banking products and services. The Bank&#39;s online option on the web site enables the customers to access their accounts with the bank via the Internet. This enables them to check their current account information with the bank. The customers are also provided the service of instant transfer of funds between their Checking and Savings accounts. It also allows the customers to Invest Online. The customers can also pay their bills using the Online Banking Services. The fundamental goal of the project was to the entire insight product line to be more robust in the current global market segments.

***Responsibilities:***

• Performing regression tests on application builds.

• Interact with developer to reproduce bugs and to track the field **bugs**.

• Conduct and participated in **UI** and acceptance testing to validate and verify the accuracy of application.

• Explore and contribute towards automation of the product test cases which help reduce man power using **Selenium IDE, Selenium RC**.

• Create automated (keyword or data driven) **Selenium** tests for continuous integration of code to **Dev/QA environment.**

• Created Test Suites to do Functional and Data Driven Testing on the **Web Services**.

• Developed freehand scripts in **Java** for **Selenium**.

• Validated Web Services current states and made logical assertions for **WSDL** and **SOAPUI**.

• Designed and executed functional, data driven and basic load test cases for web services testing in **SOAP UI**.

• Performed web services Functional and regression testing using **SOAP UI**.

• Create Test sets in **JIRA** and execute them and Analyzed test Results and manually submitted a Defect to the **JIRA**.

• Used Data driven **framework** with **JUnit**.

• Wrote test scripts in **TestNG/Java** using **Selenium RC** to test various flows

• Expertise in creating testing framework by using **TestNG** and running through **ANT**.

• Conducted tests on Android simulators and stress tests on iOS using XCode on **MacOSX**.

* Developed test apps on **Java** and **XML** for Mobile devices and applications that call APIs to perform **API** level testing.
* Worked on **GIT** Repository and developed **Maven** build scripts, and executed them in **Jenkins** build Production Environment
* Testing the product, creating any defect and track any issues in **Rally**.
* To make sure the velocity of the team is maintained in an **AGILE** environment during releases.

**Environment:** Selenium, SoapUi, JUnit, TestNG, iOS, Android, windows, Java, SQL and Agile

**Client**: **Good roe Healthcare Solutions**, **Norcross, GA Dec2011 to Nov 2012**

**Role: QA Analyst**

**Project Description**

Performed as a QA Analyst for an operational and clinical data application which is built with real-time patient monitoring, cost analytics, assessing orthopedic supply, utilization, clinical variation information.   
   
***Responsibilities:***

* Analyze and review Business and Product Requirements, Technical and Functional specification by meeting with users to understand, clarify and document the requirements.
* Performed **GUI, Mobile, UAT, Cross Browser, Functional, Black box, End-to-End** and **Regression Testing**.
* Reviewed requirements for accuracy, completeness and testability.
* Worked in creating automation framework with **Java and WebDriver.**
* Created pom.xml in **maven** for build management.
* Used **SOAPUI** for testing **SOAP** based Web Services. Performed functional and performance testing of **RESTful** Web Services.
* Used **JIRA** and VersionOne for project management and defect tracking.
* Performed **UAT** with parent company **VHA**.
* Performed Data Validation using **SQL queries**.
* Developed a **batch file** to handle critical business process
* Involved in all phases of the quality assurance process.
* Worked with offshore team for **VHA** Physician Preference project.
* Used **JIRA,** VersionOne and Quality Center for Defect Management and Project Management.
* Interact with members of the QA team, Business Analysts, Project Managers, Software Developers and End Users.

***Environment:-***JIRA, SQL, Unix, Java, WebDriver,SoapUI, Black box Testing, Regression Testing.

***Transcend Technology Group, Sacramento, CA june 2010- Nov 2011***

***QA Analyst***

***Description:*** Transcend Technologies Group, Inc. (Transcend) is a privately held company that specializes in internet based software applications for the health insurance and benefits industry. Founded in 2001, Transcend licenses the Group Benefits Manager (GBM) system to insurance brokers.

***Responsibilities:***

* Designed the Test Scenarios and Test Cases after analyzing the requirements.
* Experience in Software analysis, design, **development**, Testing and Maintenance with strong understanding of **SDLC & STLC**.
* Quality-focused professional with extensive experience in manual software testing and knowledge in automated testing.
* Experience in reviewing and contributing to test plans.
* Proven expertise in using static techniques for review of specification documents.
* Collaborated with software developers to create detailed test strategies, test scenarios and test cases.
* Analyzed the requirements, created test plans and executed the test cases. Performed ad-hoc/exploratory testing to familiarize with basic functionalities of the application.
* Responsible for Test Closure Activities and providing the Test Closure Document to the stakeholders.

***Environment:*** Waterfall Methodology, QTP, Oracle 10g, SQL, Windows.