# **Gomathy Vinodh**

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**Professional Summary:**

* Over 7 years of work experience in Software Quality Assurance and Testing in diverse applications on various platforms as **QA Analyst.**
* Experience working with **Continuous Integration** and **Continuous Delivery** in **Agile - Scrum Methodologies.**
* Familiarity with **Maven**, **Git, Gerrit and Jenkins** for **Continuous Integration**.
* Extensive experience developing and working with **Automation Frameworks** using **WebDriver, Java, TestNG, JUnit, RestAssured, and JavaScript.**
* Strong knowledge on building **hybrid automation frameworks** using **PageObject, DataDriven frameworks and Java libraries like Apache POI, log4j etc.**
* Worked on creating many locators for dynamically changing id’s using **Xpath and CSS Selectors.**
* Experience in using **Java core concepts** and **design patterns** like **inheritance, abstraction, Singleton, Factory** patterns to avoid code redundancy in building strong **AutomationFramework**.
* Familiarity on **BDD** data driven framework with **Cucumber, WebDriver, Maven, and JUnit.**
* Experienced in configuring **parallel tests** with **Selenium Grid and TestNG.**
* Extensive experience working with testing frameworks like **TestNG**, **JUnit, Mocha and Chai.js**.
* Experience automating **RestAPIs** using **HttpClient, org.json, RestAssured, JsonPath , TestNG** assertions.
* Familiarity with **AngularJS** testing framework **Protractor** which internally uses **Node.js**, Familiar with Node **npm** modules and commands.
* Extensive Experience in testing Web **Services** using **SoapUI and Postman.**
* Knowledge on automating **REST API’S** testingusing **Chakram, Chai.js** and **Mocha.**
* Experience in testing native mobile applications using **Appium**. Experience working with **Android SDK, UIAutomator Viewer, Appium Inspector, ADB, logcat.**
* Worked on **performance testing** of **REST API’S** and **UI applications** using **JMeter load scripts** with **Thread Groups, Samplers, Controllers, Assertions and Listeners.**
* Worked with **REST API’S** data driven testing using **SoapUI - groovy, datasource loops**.
* Extensive Experience working with **Maven** as build and project management tool, **Jenkins** for **Continuous Integration**.
* 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, Git and Code Review Tools** like **Gerrit.** Experience working with **Unix** commands and basic **Shell Scripting**.
* Experience in web technologies like **Single Page Applications, Node.js, AngularJS, JavaScript, XML, Ajax, HTML, and CSS.**
* Knowledge of NoSQL **database** - **MongoDB**.

**Technical Expertise :**

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| Automation Testing Tools | Selenium WebDriver, RestAssured, Chakram, Protractor, HttpClient, Appium. |
| Tools and IDEs | Eclipse, IntellijIDEA, WebStorm, RoboMongo, SQLDeveloper, Maven, Jenkins, Gerrit. |
| Performance Testing Tools | JMeter, LoadRunner. |
| Operating Systems | Windows, Mac, Ubuntu, UNIX, Linux, Android, iOS. |
| Programming Languages | Java, JavaScript, Python Basics. |
| Web Technologies | HTML, CSS, XML, XPath, Ajax, SOAP, AngularJS, NodeJS. |
| DataBase | Oracle, MongoDB and MySQL. |
| Defect/Bug Tracking Tools | Rally, JIRA, QC, BugZilla. |

**Client: Blue Shield of California - San Francisco, CA Sept 2016 - Present**

**Role: Quality Engineer**

The company aims at creating unprecedented level of transparency in healthcare with two goals: enable

consumers to make more informed healthcare decisions and collaborate with providers to improve

quality outcomes and affordability.

**Project Description:**

The project was to create an interactive web-based application within the Customer Relationship

Management system to allow clients to research, communicate with different healthcare service

providers and tailor make their own healthcare tool.

**Responsibilities:**

* Created functional automation scripts for the report generation module using **Selenium Web driver, Java** and **TestNG**.
* Worked on creating locators for dynamically changing id’s using **Xpath and CSS Selectors.**
* Developed Selenium test scripts and integrated test cases using **PageObject and DataDriven** patterns.
* Used **Selenium WebDriver** and **TestNG** to run the parallel testing by creating Groups, and prioritizing test cases.
* Created own wrappers for Configuration, **WebDriver**, **WebElement** to make code reusable.
* Worked with automation of Rest APIs using **API** framework with **RestAssured, Java and TestNG.**
* 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, and Jenkins** to maintain and execute automation scripts.
* Designing and writing test cases based on the acceptance criteria of the user story assigned.
* Well versed in manually testing **Rest API’**s using browser plugins like **Postman**.
* Developed test scripts in **Appium (Java + Selenium**) to test mobile application functionality for **iOS and Android devices.**
* Worked on framework to execute test cases using CI – **Jenkin** Jobs using **Maven**, **Git** and **Gerrit.**
* Worked closely with the developers within the **SCRUM** team.
* **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.
* Used **SQL** for data integrity testing, captured the **SQL** statements from the application execution and verified in SQL Developer.

**Environment:** SeleniumWebDriver, Java, Eclipse, Postman, RestAssured, Appium, TestNG, Maven, Git, Gerrit, JMeter, Scrum methodology, SQL, Unix.

**Client: Wells Fargo – San Francisco CA Sept 2015 – Aug 2016**

**Role: QA Analyst**

**Project Description:** Wells Fargo is consolidating its three lines of business to have a single application processing system and to provide better servicing to the customers. CORE is a single interface platform where users can access loans from different business lines.

App Taker on the Web (AOW) is a new web-based sales origination system unique to Wells Fargo Home Mortgage. The target audience includes Wells Fargo Home Mortgage User and Business Process Groups, AOW project management and Wells Fargo Services Application.

**Responsibilities:**

* Involved in writing **Selenium scripts** using **WebDriver** for automated testing.
* Created test scripts to test **Rest APIs** using **HttpClient, org.json, TestNG** and Java based framework.
* Used **XPath** in the context of **Selenium** in order to pick out page elements in a robust manner.
* 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.
* Worked on **Soap WebServices** testing using **SoapUI, groovy** and Test steps.
* Executed **Jmeter load scripts** to analyse performance factors like scalabilty, reliabilty and speed of application and API’s.
* Gained knowledge on **Cucumber BDD** framework with **WebDriver** for UI and API Automation.
* Worked on a Save project using **Chakram, Mocha and Chai** for API testing.
* 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, TestNG, JUnit, HttpClient, SoapUI, JMeter, JIRA, Oracle, Maven, Appium, Agile, Jenkins.

**Client: Emprise Bank, Wichita, KS April 2014 to Aug 2015**

**Role: QA Engineer**

**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 Banks 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.
* Create automated (keyword or data driven) SeleniumWebDriver tests for continuous integration of code to Dev/QA environment.
* Developed test scripts in Java using Selenium.
* Created Test Suites to do Functional and Data Driven Testing on the Web Services.
* 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.
* Create Test sets in JIRA and execute them and Analyzed test Results and manually submitted a Defect to the JIRA.
* Migrated test scripts to TestNG/Java using SeleniumWebDriver to test various flows
* Expertise in creating testing framework by using TestNG and running through Maven.
* 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 Dec 2012 to March 2014**

**Role: QA Analyst**

**Project Description:** Healthcare Solutions is 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.

**Client: Future Focus Info tech, Bangalore June 2010 –Sept 2012**

**Role: Software Test Engineer**

**Project Description:** This is an Informative Portal, which Include Each And Every Information in Bangalore. This portal gives information from kids to old aged peoples. A User Can Find Any Information Easily Through this portal. One can search for anything from sweeper to officer’s information, classifieds, route map, matrimony, shopping, kids’ zone, News etc.

**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.

**CERTIFIED COURSES :**

* Successfully completed the ‘**Software Testing Training Program**’ course from STC Technologies.