

Vijayalakshmi Vennapusa

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Sr.QA Automation Engineer

Professional Summary:

- Over **8 years** of experience as a **QA Automation Engineer - SDET**, extensively worked on **Manual, Automation** Testing of **Web Client Server, Cloud (AWS), Mobile, API, Webservices** applications.
- Excellent knowledge and implementation skills in complete **Software Development Life Cycle (SDLC)** and **Software Testing Life Cycle (STLC)**.
- Expertise in understanding Business Requirement Specifications, Functional Specifications and Design documentations and converting them into Test Scenarios. Worked on **Protractor, JavaScript, Jasmine** to automate **angular JS** applications and performing **Regression testing**.
- Worked in building automation scripts and frameworks using **Selenium Web driver** with **Java**.
- Experience in **Core Java**, development by applying different concepts like **OOPS concepts**, Collections, Strings, Exception handling, Multithreading, etc. and experience in **Groovy** and **JavaScript**.
- Experience in testing both **SOAP** and **REST** services using **SOAP UI, Groovy Script, Postman** and Tested both **XML** and **JSON** formats.
- Developed and maintained automated test scripts for **Regression testing** using **POM** framework with **Java, SeleniumWebDriver** and **TESTNG**.
- Used **Appium** tool to test automation test scripts on both **IOS** and **Android** platforms for native and **mobile** websites on **mobile** devices.
- Experienced in developing **VB scripts** in Quick Test Pro (QTP/UFT) to perform **Functional, Regression, System** and end-to-end testing.
- Proficient in the **Web** Debugging Tools like **Firebug, Fire path** and **Xpath** to run **WebDriver** script in stable condition.
- Sound knowledge on **Junit, NUnit, TestNG** framework for **Unit testing**, **Maven** and **Ant** for Project building tool, **Jenkins/Hudson/Bamboo** for **Continuous Integration**.
- Experience in doing performance testing of service using **JMeter, HP Load Runner**.
- Developed an automated scripts and frame works using **Java, C#, Groovy Script, VB Script**.
- Expertise in Problem solving and Defect Tracking Tools like **HP ALM/Quality Center, Taiga, Jira, Bug Zilla, Confluence, Microsoft Team Foundation Server (TFS)**.
- Expertise in performing **Android Emulators & IOS Simulators** for **Mobile** Automation Testing using **Appium** for **Native, Hybrid and Web Based mobile** applications.
- Experience with container-based deployments using **Docker**, working with **Docker Files, Docker images, Docker hub** and **Docker registries**.
- Implementing infrastructure on new **AWS** systems and migration of existing Linux and Windows based infrastructure to **AWS** and **Azure** Cloud plat forms and automated using **Terraform, Cloud Formation** Templates.
- Management and design of integrated build pipelines using **continuous integration** workflows such as **Jira, GIT, Stash, Bamboo, Jenkins, Docker, Kubernetes, Terraform, ELK**
- Experience with source version control tools such as **Subversion (SVN), TFS, Git** and **Bitbucket**.
- Knowledge of **Web** Development technologies in general, including **HTML, JSON, CSS, JavaScript, AJAX & XML**.
- Developed function libraries, shared repository, Descriptive programming, Recovery scenarios using **QTP**.
- Proficient in testing database of applications developed with **MySQL, Squirrel SQL, Postgres, and Oracle**.
- Strong in writing **SQL** queries to perform backend data validations.

- Experienced in using Selenium automation frameworks like Hybrid, Data-driven, Keyword frameworks and POM.
- Experience in Unit testing, Functional testing, Regression Testing, User acceptance testing(UAT), Integration testing, System testing, Performance testing, White Box Testing, Black Box testing, Sanity testing, Exception testing, API Testing, Cross browser testing, Compatibility testing & Security testing.
- Developed Test Scripts to implement Test Cases, Test Scenarios, and features for BDD (Behavior Driven Development), TDD (Test Driven Development) using Cucumber.

TECHINICAL SKILLS:

Test Approaches	Agile/Scrum, Waterfall, SDLC, STLC, Bug life Cycle
Testing Tools	Selenium WebDriver, JMeter, Postman, QTP, HP load Runner, SOAP, 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 8, C#,
Browsers	Firefox, Internet Explorer, Safari, Google Chrome, Opera, PhantomJS.
Operating System	Windows Variants, Unix, Linux, Mac, iOS, Android.
Database tools	MySQL, Squirrel SQL, Postgres, Oracle.
Defect Tracking Tools	HP ALM, Quality Center, Jira, Confluence, Team Foundation Server (TFS).
Scripting Languages	JavaScript, Groovy Script, VB Script.
Markup Languages	JSON, Xpath, HTML, XML, XCode, XSD, XSL, XSLT, JSP, AJAX, CSS3,4
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: CVS Health, Minneapolis, MN

Nov2019 – Present

Role: QA Automation Engineer/ Mobile Tester

Description: CVS Health is one of the biggest Pharmacies and Retail company. POS (Point of Sale) is the key store delivery team in CVS Health which handles multiple projects related to Store Systems. CVS Health Rewards, Extra Care card and Coupons are the best loyalty programs which are introduced by CVS and also, we provided online enrollment.

Responsibilities:

- Worked with Product, Design, and Engineering teams on requirements gathering and evaluation.
- Participate in product design reviews to provide input on functional requirements, product designs, test estimates, schedules and potential risks.
- Developed test code in Java language using Eclipse, IDE and TestNG framework
- Developed static and dynamic Web pages using HTML5, CSS4, Angular 9, Bootstrap, jQuery

- Extensive Knowledge in **Agile Methodology** and participated in **Sprint planning, Sprint Retrospective, ProductBacklog Refinement** and **daily Scrum meetings**.
- Analyze business requirements, Software requirement specifications to create test plan and test cases for manual and automation testing using **Selenium Web Driver**.
- Used one-way/two-way data binding, filters, UI-routers and creating custom directives in **Angular 9**.
- Utilized **Java 8** features like Lambda expressions and Stream **API** for Bulk data operations on Collections which would increase the performance of the Application
- Developed framework from the scratch for using cypress to automate UI and used **java** script .
- Performed UI and **API** testing using cypress and created from framework from the scratch s
- Performed tests on **emulators** and **simulators** over **Charles Proxy**.
- Implementation of **CICD** through **Jenkins** and **Parasoft** Environment Manager
- Used **Java 8** for development of **backend applications** for Testing.
- Experience in automating regression test cases using **Selenium WebDriver**,Used JMeter for performance testing.
- Confidential ended stand-up calls on daily basis and had two week **Sprints** in **Agile** Methodology.
- Implemented automation using **Selenium Grid** to perform testing on multiple devices.
- Worked in an **Agile methodology** highly focused on developing & enhancing build pipeline for **Continuous Integration**, written the **Docker** python scripts to configure the remote servers
- Experience in **Linux/AWS** system administration specifically in installation, maintenance, configuration and monitoring efficiently to achieve organizational goals
- Hands-on experience with **AWS** resources including VPC, EC2, S3, **Auto scaling**, **Cloud Watch**, **Cloud Trail**, **Cloud Front**, **KMS**, **SES**, **SNS**, **SQS**, **Route 53**, **IAM**etc.
- Responsible for developing the scripts to support **Jenkins** of the scripts with the build server.
- Created develop and test environments of different applications by provisioning **Kubernetes** clusters on **AWS** using **Docker**, and **Terraform**
- Developed Test Scripts to implement Test Cases, Test Scenarios, and features for **BDD** (Behaviour Driven Development), **TDD** (Test Driven Development) using **Cucumber** in **Gherkins** format.
- Used **GitHub** to maintain and manage the build scripts, test data used and other documents related to the project.
- Integrated the **selenium** test into **Jenkins** for **continuous integration (CI)**.
- Write **Terraform** scripts from scratch for building Dev, Staging, Prod and DR environments
- Implemented **TestNG** unit testing framework for the **smoke test** and used all **Annotations** in **TestNG** effectively.
- Used **JIRA** as a project tracking tool/Defect tracking/Test case Management tool.
- Actively involved in **Black box**, **Grey box** and **White box** of the application
- Developed **test cases and scripts**, and created virtual users in LoadRunner for **Load**, **Stress** and **Performance** Testing of the application
- Used **Postman** and **SOAPUI** for **rest** service testing
- Performing **Functional**, **Regression**, **GUI**, **Usability** testing using **Selenium** with **Java** using **Page Object Model** in **JUnit/TestNG** framework and using **Continuous Integration CI Jenkins** to ensure **web** application is automatically tested via scripts.
- Experience on Writing **SQL** queries to extract data from various source tables to perform database testing
- Performed **Mobile** Testing of Android based Apps using **Appium**. Connected Real Devices.
- Performed **Cross Browser and parallel testing** to test the applications are working as desired in different browsers.
- Expertise in **Smoke testing**, **Regression testing**, **System Testing** and **UAT**.
- Working closely with the Developers in the review and modification of the product and its specifications using **Agile-testing methodology**

Environment: **Java 8**, **Selenium**, **Grid**, **Angular 9**, **TestNG**, **XPath**, **Eclipse**, **Data Driven** and **Page Object Model Framework**, **Cucumber**, **SoapUI**, **Appium**, **Protractor**, **MYSQL**, **Oracle**, **Maven**, **Postman**, **Jenkins**, **Terraform**, **AWS**, **Docker**, **Kubernetes**, **JMeter**, **Gitlab**, **Agile/Scrum**, **Gherkin**, **Linux**, **Windows**.

Role: OPTUM, Minnetonka, MN

Sep2018 – Oct2019

Sr. QA Engineer

Description: Optum delivers solutions to help modernize the health system and improve population health. Optum helps in managing the total cost of care, reduce risks and improve quality and outcomes for individuals and organizations.

Optum powers intelligence across the health care system and is infused into all products and services. It represents the

unique combination of data, analytics, and expertise that guides action in various ways.

Responsibilities:

- Developed automation framework from scratch using **Java**, **TestNG**, **Maven** and **POM**.
- Wrote automated scripts for **angular JS** application using **Selenium web driver** and **Java**.
- Designed Automation Test cases using **Selenium WebDriver**, **Java**, **TestNG**, **Maven**.
- Analyzed the system requirements and developed detailed test plans and test cases and provided the documentation, collaborated with product management teams in an **agile** environment to develop a comprehensive set of tests for **web**-based applications.
- Automated **web** services using **REST API** and **Java**.
- Develop PeopleSoft query to retrieve different tables data, verify and analyze
- Using **Jasmine** and **karma** test runner extensively for unit testing for end-to-end testing
- Responsible for implementation of **Hybrid Test Automation Framework**, Page Object Model using **Selenium WebDriver**, **TestNG**, **Maven** and **Java**.
- Wrote automated scripts for **angular JS** application using **Selenium web driver** and **Java**.
- Involved in testing of application using the **Scrum (Agile)** methodology.
- Proficient in handling **SOAP** and **REST** calls using **Java**.
- Used **Selenium Grid** to run test cases in multiple browsers and Platforms.
- Implemented a **Continuous** Delivery pipeline with **Docker**, **Jenkins** and GitHub and **AWS**.
- Knowledge of **Web** Development technologies in general, including **HTML**, **CSS**, **JavaScript**, **AJAX**, and **XML**.
- Strong experience with **SOA** architecture which include **SOAP** and **Restful Web** Services Testing.
- Automating the Test Scripts are planned, prepared and upgraded using **HP Quality Center**.
- Maintained the **Selenium** and **JAVA** automation code and resources in source controls like **Git** over the time for improvements and new features.
- Created detailed **QA** and **UAT** cases to validate the quality of the application.
- Verified the data in database through **SQL** statements and executed stored procedures and triggers.
- Created profiles in **maven** to launch specific **TestNG** suite from **Jenkins job**.
- Involved in various meetings with **Business analysts** and **Developers**.
- Conducted **Functional testing**, **Regression Testing** using **selenium** with **Data-driven**, **Key-word Driven** framework.
- Performed **web** services testing with **SOAP UI** by validating request and response for **XML**, **JSON** files.
- Tested on **Web** Services using **WSDL** and **SOAPUI** to check the communication between different services.
- Performed Data-driven testing by using **JDBC** as a data source in **SOAP UI** and configured **SQL** queries to fetch data from the **Oracle database**.
- Responsible for implementing **LoadRunner**, **Performance center**, **JMeter** based infrastructure including Architecting the load testing infrastructure, hardware & software integration with **LoadRunner**.

- Involved in testing of services using **SOAP/REST** services using **SOAP UI, Groovy Script**.
- Developed **BDD** Automation Framework using **Cucumber** tool and developed Feature files which includes Features, Scenarios and Step Definitions.
- Performed and executed test suite automation scripts using **Continuous Integration** tool **Jenkins**.
- Automated **Mobile** application by using **Appium**
- Logged the errors, reported defects, and tracked the defects using **JIRA** until resolution
- Logged and managed defects using **HP ALM Quality Center** defect management tool.
- Developed test code in **Java** language using **Eclipse, IDE** and **TestNG** framework.
- Used **web**-debugging tools like **XPath, Firebug** and **Fire path** to run automation script in stable condition.
- Performed **UI testing, Smoke, Functionality, white box testing, Integration, System, Regression tests** based on analysis, and understanding of the requirements, non-functional specifications, and end-user needs.

Environment: Selenium WebDriver, End to End Testing, Grid, JMeter, SQL Server, Git, Oracle, SOA testing, **JAVA**, Gherkin, **Agile**, Groovy Scripting, DOM, Cucumber, HP ALM Quality Center, BDD, Appium, Protractor, HP Load Runner, Jenkins, UAT, SOAP UI, **REST, JAVA** Script, Regression Testing, Maven, Apache POI, Eclipse, XCode, TestNG.

Client: New Century Health, Miramar, FL
Role: **QA** Automation Tester

Mar2017 – Aug 2018

Description: New Century Health has major campuses in Miramar FL and Brea CA. To inspire hope and contribute to health and well-being by providing the best care to every patient through integrated clinical practice, education and research. The Project eConsults benefit patients by eliminating the need for a second visit, in most cases. It benefits referring care providers by allowing the care management to stay within control. Also, eConsults take about one-third of the time of face-to-face appointments, which frees up care providers schedules.

Responsibilities:

- Analyzed Business Requirements Documents to get better understanding of the system both on technical and business perspectives.
- Prepared **Test Plans, Test Scripts** and Test Cases based on functional specifications and user requirements.
- Developed and maintained automated regression test cases in **Selenium WebDriver** using **Java** programming language and **Junit** Framework.
- Performed Data driven testing using **Selenium WebDriver, Junit** functions and **JDBC** Connections which reads data from scripts using property and **XML** files.
- Developed test code in **Java** language using **Eclipse IDE** and **Junit** framework.
- Used **Java** language and **Junit** framework for scripting.
- Designed and Developed **UAT** Regression automation script and Automation of functional testing framework for all modules using **Selenium** and **WebDriver**.
- Perform testing of complex policy rating **algorithms**, batch jobs and business rules.
- Created Data Driven scripts for adding multiple customers, checking online accounts, user interface validations, reports management, etc.
- Used **XPath** and **DOM** to work with dynamic and static objects in **Selenium**.
- Utilized various test tools for automation of test cases Generate test reports and performed extensive **Web** Services testing using **SOAP UI**.
- Used **SOAP UI** tool to test **SOA** based architecture application to test **SOAP** services and **REST API**.
- Prepared test cases, test data and test responsibility matrices for the application under test.

- Executed Test Cases recorded in **HP** Quality Center manually to test the application for its functionality, system integration and verify the Exit Criteria.
- Used **GIT** as code repository and Code Collaborator to manage code reviews.
- As part of compatibility testing, executed the workflow manager **web** application related test cases on different browsers different Operating Systems.
- Performed **Back-End Testing**, database table manipulations of relational database systems by writing complex **SQL** queries manually.

Environments: Selenium WebDriver, **Java**, SOAP UI, JMeter, Ant, Junit, Quality Center, Eclipse, XPATH, Java, HTML, CSS, **agile**, GIT, SQL, Android, Oracle and Windows.

Sirius XM, Irving TX
QA Automation Engineer

Apr2015 – Dec 2016

Description: Working on various builds like AUDI, BMW, FORD, VW radios to make sure they are ready for production for the coming year.

Responsibilities:

- Worked in the **agile** environment with frequently changing requirements and features set.
- Designed Automation Test cases using Selenium WebDriver, **Java**, TestNG, Maven.
- Used new features of **Java** 8 Annotations, Generics, enhanced for loop and Enums.
- Developed and maintained automated regression test cases in **Web** load using **Java** programming language.
- Executed Test Cases recorded in Q Test manually to test the application for its functionality, system integration and verify the Exit Criteria.
- Tested Oracle Revenue Management and Billing for Financial services (ORMB).
- Tested ORMB functionalities like Invoicing, Billing, Payments and Adjustments.
- Performed **REST API** Testing using Http **Rest** let Client for SOAP/**REST web API**.
- Tested Oracle Revenue Management and Billing for Financial services.
- Used **Java** Utils Framework for Handling Multiple windows in Selenium WebDriver.
- Performed UI, Functional and Compatibility Testing.
- Wrote automated testing code in Selenium WebDriver in Eclipse IDE for functional testing.
- Worked on Selenium GUI Object / element verification through XPath, CSS Locators.
- Designed **API** automation Framework Using **Rest** assured.
- Used Maven as build tool to develop framework.
- Used Gherkin to build BDD framework with Cucumber.
- Connected to database to Query the database using Oracle SQL Developer for data verification and validation. Created SQL to aggregate data before moving to targeted database from legacy database to simulate results.
- Performed defect reporting and bug tracking using HP ALM and followed up with development team to verify bug fixes.
- Performed functional testing, data validation, and regression testing of Einstein 360 application and coordinate user acceptance testing.
- Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub and **AWS** AMI's, whenever new GitHub branch gets started. Jenkins, our Continuous Integration server, automatically attempts to build a new Docker container from it, The Docker container leverages Linux containers and has the AMI baked in. Reviewing and analyzing system specifications.
- Performed other essential job responsibilities as required under the instructions of lead automation tester.
- Used TestNG as unit testing tool for automation Framework.

- Worked extensively on testing the **API's** (SOAP, **REST**), validating the requests, responses from service consumer and the service provider using SOA testing tools.
- Initiated Behavior Driven Development (BDD) for testing using Cucumber, Created integration and multi module test cases as a POC.
- Performed **Web** services testing and Message testing tasks using SOAP UI and Swagger.
- Analyzed Business Requirements in order to design/develop test plans that help in testing the different functionalities provided by Einstein application like Xfinity Lob's, Trouble call, waitlist SIK, Work Listing of failed orders, Swapping of devices, Provisioning flow through.
- Performed back-end testing using SQL queries against Oracle to make sure that data entered has been uploaded correctly into the database tables.
- Extensively used JIRA for user stories, bug management and team communication.
- Knowledge in Test driven (TDD), Data Driven and Behavior driven Development (BDD) approach for test automation frameworks.

Environment: **Java**, Eclipse, Selenium WebDriver, Apache POI, JUnit, Selenium Grid, Maven, Sauce Labs, Travis, JIRA, SVN.

Client: Ascent Consulting Services, India

Jun 2012 – Aug 2013

Role: Manual Tester

Description: Solvent solutions lets client to manage and access your eligible accounts quickly and securely from **mobile** phones or any tablets

Responsibilities:

- Designed the efficient **manual test cases** based on analysis of Business Requirements, Functional Specs, Technical design documents, Use Cases, Supporting documents.
- During testing life cycle, performed different types of testing like System Testing, Integration & Regression Testing.
- Reviewed and analyzed Detail Designed Specification and Technical Specification documents.
- Analyzed the SRS and developed Test Suites to cover the overall quality assurance testing.
- Creation of **Status reports** and sending the status to the upper management as required.
- Responsible for gathering **Business Requirements, Functional Requirements** and **Design Documents**.
- Performed **Functional, Negative, Positive, Integration, Regression, End to End** and **User Acceptance** Testing.
- Coordinated **user acceptance** testing with final users. Prepared end user **documentation** for the new system
- Performed Manual Testing to check flow of the application.
- Developed various reports to communicate testing issues the project manager.
- Participated in **QA** Team meetings and weekly **QA** testing reviews.

Environment: Manual Testing, Clear Quest, MS Visio, HTML, **Java** Script, Oracle, Windows, UNIX.

Education: Bachelor's in CSC, JNTU, Hyderabad, India 2008

Vijayalakshmi Vennapusa

- Irving, TX, US

Contact Information

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- 2147174434

Work History

Total Work Experience: 12 years

- **QA Automation Engineer/ Mobile Tester CVS Health**
Nov 01, 2019
- **Sr. QA Engineer OPTUM**
Sep 01, 2018
- **QA Automation Tester New Century Health**
Mar 01, 2017
- **QA Automation Engineer Sirius XM**
Apr 01, 2015
- **Manual Tester Ascent Consulting Services**
Jun 01, 2012

Skills

- **acceptance testing** - 8 years
- **business requirements** - 8 years
- **oracle** - 8 years
- **qa** - 8 years
- **regression testing** - 8 years
- **software** - 8 years

- **agile** - 6 years
- **automated testing** - 6 years
- **automation** - 6 years
- **framework** - 6 years
- **java** - 6 years
- **microsoft windows** - 6 years
- **selenium** - 6 years
- **selenium webdriver** - 6 years
- **soapui** - 6 years
- **sql** - 6 years
- **test cases** - 6 years
- **test plans** - 6 years
- **ui** - 6 years
- **xpath** - 6 years

Work Preferences

- Desired Work Settings: No Preference
- Likely to Switch: False
- Willing to Relocate: False
- Work Authorization:
 - US
- Work Documents:
 - Employment Auth. Document
- Security Clearance: False
- Third Party: True
- Employment Type:
 - Contract - Corp-to-Corp
 - Contract to Hire - Corp-to-Corp

Profile Sources

- Dice:
<https://www.dice.com/employer/talent/profile/ca8508442fb4878d44a8dd0f32a7a7b5>