**SIVA KRISHNA D | Lead QA Automation and Manual Test Engineer** | +**1 (313) 455-3624**

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**Open to Relocation**

**Summary:**

* **Around 11+ years** of extensive experience in Analyzing, Designing and Implementation of QA testing strategy for **Web/mobile** based and **Client/Server** applications using **Manual testing** and **Automation testing** tools.
* Experience in all stages of the **Software Development Life Cycle (SDLC)** and **Software Testing Life Cycle (STLC)** andin all dimensions of Functionality, Usability & Reliability.
* Experience in **Software Development Engineer in Test (SDET)** focused on testability, robustness, and performance and creation of designs for production software.
* Experience in both **Waterfall** and **Agile** project environment.
* Experienced with various types of testing like **GUI testing, Web testing, Regression testing, User Acceptance Testing (UAT), Functional Testing, Sanity testing, System Testing, Performance testing, Integration Testing, End to End Testing, Unit Testing, Black Box Testing, White Box Testing, API Testing, Documentation and Reporting.**
* Good experience in testing **Mobile applications** (Android, iOS) and **Web Applications.**
* Extensive experience in requirement and use case analysis, test planning, writing test scripts, test reports, execution, **defect tracking**, defect retesting and eventually to full regression.
* Expertise in automating test cases with **TAF** **Selenium**, **Cucumber**, **APPIUM** for web applications on both mobile, desktop and database testing.
* Proficient in using test automation tools such as **Selenium WebDriver/RC/IDE/Grid**, **HP Quick Test Professional (QTP), UFT and Mercury Quality Center** to develop automation testing scripts for web and client server applications.
* Experience in debugging and troubleshooting issues with **Playwright**.
* Experience in integrating **Playwright** with other testing frameworks and tools.
* Good knowledge on **Junit**, **TestNG** framework for **Unit testing**, **Maven, Gradle** and **Ant** for Project **building tool**, **Jenkins, Hudson, Team City, Cruise Control** for **Continuous Integration**.
* Knowledge of Automation Tool like **Selenium**, **Protractor**.
* Developed automation framework and test scripts for native, hybrid and web browsers mobile applications for different versions of Android and IOS using **Appium**, **Google Espresso** and **XCUITest**.
* Good experience on **Selenium Automation** using **WebDriver** and **Server**. Heavy programming using **Java, Junit, TestNG**.
* Expertise in functional testing AUT using **Selenium IDE** and **Selenium WebDriver** using **Junit/TestNG** testing framework.
* Expertise in automation using cloud platforms like **AWS and GCP.**
* Extensive experience in **Java**, **Ruby**, **Groovy, Python**, **C#, JavaScript**, **VBScript**, **JSON, HTML**, **XML** and **SQL** on **Windows**, **Mac**, Vista Operating Systems and **UNIX** Environments.
* Service Virtualization, Automation and **Performance Testing** with expertise in Confidential **CA LISA (DevTest).**
* Experience in working on functional testing of **SOAP** and **RESTful Web Services** using **SOAP UI Tool.**
* Proficient in **Bug Severity analysis, Bug tracking and Bug Reporting**, by prioritizing issues based on important, urgent, hot fixes using Defect Management tools like **HP ALM Quality Center (QC), Bugzilla, JIRA, Clear Quest, and Test Director.** Sending Automation status reports on Daily, Weekly basis and coordinating with teams for any issues.
* Experienced in load and performance testing tool **JMeter**.
* Performed code reviews and implemented best **Python** programming practices.
* Good knowledge on automation framework in Selenium WebDriver using **Behavior Driven Development (BDD)** approach in **Cucumber** framework with **Gherkin**.
* Extensive experience in **Keyword Driven, Data Driven** and **Hybrid Automation Frameworks.**
* Prioritizing testing efforts for the team and working on test deliverables for each sprint release. Tracking test results and testing progress in **Microsoft Test Manager Tool (MTM).**
* Experienced in analyzing Business Requirements and Functional Requirements. Proficient in creating **Requirement Traceability Matrix (RTM).**
* Experienced in creating **DB Fit tests** for querying the table.
* Experience in testing native applications on **iPhone, Android, Blackberry (QNX), iPod, J2ME devices using APPIUM, CUCUMBER, SEE TEST and RENOREX**.
* Excellent knowledge in writing unique **XPath** using **firebug and fire path** to identify **web elements.**
* Experienced in providing efficient locators strategies like **XPath and CSS to run WebDriver script** in stable condition.
* Good experience in coordinating with business analysts for reviewing **Business requirement documents (BRD)** and **software requirement documents (SRD)** for creating test cases and for executing test cases and coordinated with developers for fixing defects.
* Expertise in performing **Manual testing** & **Mobile Application** Testing using **Appium**.
* Experienced in testing **AngularJS** with **Jasmine, protractor,** and **Karma.**
* Proficient in testing database of applications developed with **SQL Server**, **Oracle, DB2** and **MS Access**.
* Strong in writing **SQL queries** to perform backend data validations.
* Excellent experience with source version control tools like **Subversion (SVN), Team Foundation Server (TFS) & GIT**.
* **Excellent interpersonal skills**, proven team player with an analytical bent to problem solving and delivering under high stress environment.
* **Good analytical and communication skills** and ability to work independently with minimal supervision and perform as part of a team.

**TOOLS AND FRAMEWORKS:**

|  |  |
| --- | --- |
| **Testing Tools** | Selenium Web Driver/RC/IDE/GRID, UFT, SOAP UI, JIRA, Protractor, Playwright, JMeter, Manual Testing, Cucumber, Jaws, Appium, Jasmine, Karma, Wireshark, Charles. |
| **Technologies** | HTML, CSS, Core JavaScript, AngularJS, React, Core java, C#, JSP, VB Script, Python, Groovy, Wifi, XML, ACORD XML, log4j, XSLT, XPATH, XSD, Swift, Calabash, C, C++, UML, Kafka. |
| **Test Framework** | Junit, TestNG. |
| **Cloud Technologies** | GCP, AWS, Azure. |
| **Project Methodologies** | Agile - Scrum, Waterfall, V-Model. |
| **Defect Tracking Tools** | Jira, Bugzilla, IBM Rational, ClearQuest, TFS, GIT, Service-Now. |
| **Browsers** | Google Chrome, Mozilla Firefox, Internet Explorer, Safari, Opera. |
| **Servers** | Apache Tomcat, JBoss, WebLogic, WebSphere. |
| **Protocols** | HTTP, TCP/IP, FTP, SMTP, UDP, DHCP, SSL, DNS. |
| **Continuous Integration Tools** | Jenkins, Hudson, Cruise Control. |
| **Packages** | MS-Office Suite (Word, Excel, Access), MS-Project and MS-Visual Studio. |
| **Databases** | SQL Server, MySQL, MS Access, DB2 and Oracle. |
| **Operating Systems** | Windows, Shell Scripting, UNIX, Linux, iOS. |

**PROFESSIONAL EXPERIENCE:**

**LendingTree - Charlotte,NC July 2021– Feb 2024**

**Lead Test Automation Engineer**

**Responsibilities:**

* Responsible for the delivery of the projects and to ensure the team following **Automation standards.**
* Designed Automation Test cases using **Selenium WebDriver, Java, Junit, Maven**.
* Used **Selenium Grid** to run test cases in **multiple browsers** and **Platforms**.
* Responsible for implementation of **Hybrid Test Automation Framework, Page Object Model (POM)** using **Selenium WebDriver, TestNG**.
* Developed **Selenium WebDriver, JAVA framework** by preparing Test Plan, Test Estimation, Test Strategy, Metrics, and Implementing **Data Driven Framework** based on project needs and configured framework with Jenkins for Continuous Integration.
* Good Experience in **Agile methodology** with **SCRUM** Process for the product development.
* Executed browser **(Edge, Firefox, Chrome, Safari)** and Platforms **(Windows/Mac OS)** compatibility testing by writing scripts using **UFT**.
* Good Knowledge on **DevTest** in managing release and Test Cycles, Plan and assigning test tasks to the team and submitting the product defects within a single application.
* Developed and executed test scenarios to verify the seamless integration of individual components within the .NET ecosystem.
* Wrote test cases across multiple features for View Models using **Kotlin**, **Espresso** for automated UI integration testing framework.
* Configured **Selenium Web Driver, TestNG, Maven** tool and **created Selenium automation scripts** in java using **TestNG** prior to agile release.
* Developed and maintained automated test scripts using **Cypress**, **Karate**, and **Katalon** frameworks for end-to-end testing of web applications, **APIs**, and **microservices**.
* Developing new automated test cases using Shell scripts in TAF
* Conducted integration testing of **GraphQL** **APIs** with client applications and services, verifying data consistency, error handling, and performance under varying load conditions.
* Designed and executed test cases for UI functionality, usability, and visual consistency.
* Integration of webdriver to Selenium TAF framework
* Implemented regression test suites to detect and prevent regressions in **GraphQL** **APIs** across software releases and updates.
* Designed and executed automated test suites to validate **Kafka** messaging systems, ensuring message reliability, delivery, and fault tolerance across distributed systems.
* Developed an automated script and frameworks using **Java**, **Ruby**, **Cucumber**, and **cypress**.
* Conducted manual testing activities including test case design, test execution, defect logging, and regression testing for web applications, **POS** systems, and **cloud-based** services.
* Experience in using **Playwright** to automate web applications across different browsers.
* Experience in writing test scripts to automate web applications using **Playwright**.
* Used **GCP cloud** platform to perform the continuous testing.
* Has very strong exposure on Performance using **LoadRunner** and **JMeter** Functional tested was done through Postman for API’s and Readyapi.
* Performed **JUnit** & **Espresso** framework testing and created Traceability matrices.
* Worked on **POS self-checkout** / **POS QA Testing** was involved in setting of QA Test environment with simulated **POS** test environment.
* Extensively used **ITKO LISA** and **SOAP UI** for functional testing of web services.
* Used **CA Service Virtualization** to test in parallel for faster delivery, higher application quality, reliability and created automated test suites using **CA Lisa** for testing the APIs with Virtualized as well as live integrated environments.
* Used **SOAP UI tool** to test **SOA** based architecture application to test **SOAP services** and **REST API** and Involved in services testing using Run scope and Postman. Worked closely with the platform team for every new service that the plan to tag and release.
* Performed the manipulation of **XML request** files while sending a SOAP request and asserted the **XML response** from the server using java libraries.
* Co-ordinating off shore team to implement Selenium TAF Framework for Confidential Applications
* Creating **DB fit pages** for automated regression.
* Wrote Steps and Step Definitions and to run the test cases with **Cucumber** Framework BDD and **cypress**.
* Performed web services testing with **SOAP UI** by validating request and response for **XML, JSON** files.
* Involved in testing of services using **SOAP/REST** services using **SOAP UI, Groovy Scrip.**
* Performed data driven testing by using **JDBC** and **Groovy script** as a data source in **SOAP UI** and configured **SQL queries** to fetch data from the **Oracle database**.
* Used **Cucumber, Appium, Robotium, Xcode, Perfecto Mobile** for Native Mobile Application automation testing for **iOS and Android platform**.
* Created **RTM Matrix**, ensured the Test Planning, Testing Strategy, Test cases, Flows are capturing and covering all the Functional/Non-Functional requirements.
* Hands-on experience with cloud-based testing platforms like **BrowserStack** or **SauceLabs** for efficient cross-browser testing.
* Setup, maintained and executed an automated testing framework using the **Selenium WebDriver** and Appium based **Katalon** **Studio** automation tool, writing test scripts using **Groovy**.
* Proficient in creating end-to-end web automation tests using **Cypress** and **API automation** tests using **Karate**, including writing test cases, configuring mock servers, and generating reports.
* Tested different finance functions of the **POS** system like payments and returns. Moreover, make sure that the system met the requirements and expectations.
* Implemented and executed automated test scripts using .NET-based testing frameworks such as Selenium with C# to ensure the efficiency and reliability of web applications.
* Create **Kafka** Message Queues, Topics and **Kafka** Environment Using the chef scripts.
* Designed **Hybrid Appium** Test automation framework for the application **(Android apps)**.
* Expertise in performing manual testing **(Emulators & Simulators)** & Mobile Application Testing using **Appium**.
* Involved in Mobile Testing includes App Testing. Test automation for web application using **SEE TEST and RENOREX**.
* Experience with Containers and virtualization such as **Docker, Kubernetes, VMware, AWS, OpenStack.**
* Building and scaling **Ruby on Rails** applications with **Agile processes** and **Write clean, modular, and clear Ruby code**.
* Review of test plans and test cases based on the requirement document like BRD and SRS and Attending weekly meetings of projects and provide inputs from the Testers' perspective.
* Developed **queries, data manipulations, and optimizations** for the **PostgreSQL** database.
* Contributed to the testing and validation of a cloud platform migration project, ensuring seamless transition and compatibility of applications and services on **Azure** and **GCP** environments.
* Automated data movements using **python scripts**.
* Involved in testing **AJAX** components with **Jasmine and Protractor**.
* Performed POC on tools like **Egg Plant**, **Protractor**, **Katalon Studio**, Test Complete.
* Reported test creation, execution & defect status by generating reports & graphs from MS Team Foundation Server **(TFS)** & Microsoft Test Manager **(MTM).**
* Developed automation test scripts for **client -server and web-based** applications using **Python, Silk**.
* Responsible for testing the backend **(DB)**, after the **ETL** Job is initiated from **ETL** and validate along the way by analyzing intermediate files and validating how the initial source data is transformed and updated in the database by writing **SQL** and executing the **DMLs** to covert the data from the **flat files** to readable format.
* Experience with **Cucumber** automation tools including **Gherkin, Ruby and ATDD, TDD, BDD**.
* Executed test scripts, documented defects, and verified fixes using **JIRA, Squish Defect tracking** tool and **QC/ALM**.
* Wrote **SQL** Queries for **backend/ETL** testing.
* Used in using **GitHub/ bamboo** for any code change and package merging to the test environment.
* Facilitated user acceptance testing **(UAT)** with business users by utilizing my strong domain expertise.
* Participated in the initial **KT Sessions** from the client along with the business analysts to get the understanding of the application**.**

**Environment:** Agile, Selenium WebDriver, Playwright, Jenkins, Cucumber, SOAP UI, Maven, Appium (Android), TestNG, Quality Center, Firepath, Firebug, Eclipse, XPATH, Java, JavaScript, Nodejs, Android, AWS, Azure, SQL Server, JMeter, Protractor, JIRA, Squish, AngularJS, GIT.

**McKesson Health- Dallas, TX Dec 2018 – June 2021**

**Senior QA Automation and Manual Engineer**

**Responsibilities:**

* Analyzed Business Requirements Documents to get better understanding of the system both from technical and business perspectives.
* Worked in an **Agile** environment with frequently changing requirements and features set.
* Prepared **Test Plans, Test Scripts and Test Cases** based on functional specifications and user requirements.
* Participated in **SDET (Software Development Engineer in Test )** for automated test cases and the frameworks to execute and report them.
* Involved in **Mobile Device Management(MDM),** responsible for all the stages from requirement gathering, development and testing.
* 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.
* Tested Web app, Native app using **Appium** for automating the **mobile testing** and also perform manual testing according to the requirements.
* Ensured cross-browser compatibility and cross-platform functionality of .NET applications by designing and executing comprehensive test plans.
* Wrote automated test scripts using UI automation tools and frameworks like **Espresso**, and **XCUITest** to interact with mobile applications to cover critical healthcare workflows.
* Implemented simulator for Mobile App Testing in Android Platform and iOS Platform using **Appium** and **SeeTest**.
* Implemented Page **Object Model Pattern (POM)** based **Keyword Driven automation testing** framework utilizing **Java, Test-NG, and Selenium WebDriver.**
* **Strong understanding of the Cypress Dashboard, Karate DSL, RESTful web services, and HTTP methods.**
* Used **ANT** and **Maven** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running tests automatically.
* Implemented automation framework in Selenium WebDriver using **Behavior-Driven (BDD)** approach in **Cucumber** framework with **Gherkin**.
* Collaborated with developers to identify and resolve UI defects reported during testing.
* Experience in using **Saucelabs** and **Browserstack** for cross-browser testing to run automation scripts on different platforms.
* Involved in integrating the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Created and executed software test plans, cases and scripts using latest Test Management tool design by **Microsoft Visual Studio**.
* Designed **Data-driven testing** framework in **Selenium** and captured data dynamically from web controls.
* Executing the test plans on **web** and **mobile** (IOS & Android) as per requirements using **Perfecto Mobile** (iOS, Android).
* Worked with Developers, as necessary, to isolate and repair bugs. Tracked software problem reports using Team Foundation Server (TFS).
* Utilized .NET testing tools to validate the performance and responsiveness of applications across different browsers and operating systems.
* Performed unit and system tests with JUnit, Mockito, and Espresso.
* Created and Maintained Server-side Integration Test using **Python** and **Selenium** **WebDriver**.
* Experienced in **White** **Box** **testing** by authoring **python Codes** in Selenium WebDriver
* Experienced in **load** and **performance** testing tool **JMeter**.
* Designed and Developed **UAT Regression** automation script and Automation of functional **Testing framework** for all modules using **Selenium and WebDriver**.
* Created the test data and request for the test data dependent with the other applications to be used in the testing activities for the current release.
* Created **DBFit** tests for querying the database.
* 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.**
* Performed **Smoke, Functionality, Integration, System, Regression tests** based on Analysis, and understanding of the requirements, non-functional specifications, and end-user needs.
* Worked with **AWS cloud** machines to setup **selenium GRID** and also **Jenkins server** on **HUB** machine.
* Used **AWS to deploy** the project on **EC2 instance**. Implementation of the **Business logic layer** for **MongoDB Services**.
* Prepared **test cases, test data and test responsibility matrices** for the application under test.
* Used **GIT** as code repository and **Code Collaborator** to manage code reviews.
* The **Ruby** scripting was done using **Cucumber** Framework Wrote and executed **SQL** queries to verify the data updates to various tables and ensure data integrity.
* Validated Web Service modules using **Soap UI** tool (Preparing web Service request and added authentication information in Soap Header). Possess understanding of **WSDL**, schema, **XML** documents for Web Service Testing.
* Tool Evaluation for mobile Automation and performed a proof concept for different mobile automation solutions to decide upon the best suited tool for **Coded UI.**
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers different Operating Systems.
* Worked with testers and helped write Functional, Unit, and Instrument tests using **Mockito** and **Espresso**.
* Involved in regression testing using **QTP tool** prior converting QTP scripts to Selenium web-driver.
* Implemented and worked on **Acceptance Test Driven Development** (ATDD) **Agile** methodologies completing releases ahead of schedule.
* Performed defect reporting and bug tracking using **JIRA** and also followed up with development team to verify bug fixes, and update bug status.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex **SQL** queries from **SQL Server** .
* Actively participated in walk-through, inspection, review, and user group meetings for quality assurance with BAs, SMEs, and Developers.
* Attended daily project **Scrum** meetings and weekly team status meetings.

**Environment:** Agile, Selenium WebDriver, Eclipse, Jenkins, SOAP UI, Maven, Appium, Junit, TestNG, Jira, GIT, JMeter, Fire path, Firebug, Eclipse, XPATH, Java, Cucumber, Ruby, HTML, CSS, JavaScript, AWS, Azure, SQL Server 2012, Agile, Windows and Linux.

**Progressive Insurance- Columbus, OH July 2016 – Dec 2018** **Senior** **QA Automation and Manual Engineer**  **Responsibilities:**

* Extensive proficiency in deploying Automation tools including **Selenium WebDriver, JUnit, TestNG, Eclipse, Git/GitHub, Jenkins**, **SOAP UI**, and **REST** with **POSTMAN**.
* Integrated **Jenkins** with the **GIT** and automated build releases by scheduling builds to run automatically through predefined **Maven** commands.
* Worked on a proof of concept to implement **Kafka-Storm** based data pipeline.
* Utilized **Linux/Unix** commands to access **GitHub** via **CMD** for efficient code management.
* Executed complex liquidity scenarios encompassing varying market conditions to assess system responsiveness and accuracy, collaborating with development teams to address performance bottlenecks and enhance system efficiency.
* Conducted rigorous **Stress tests** to identify system limits, failure points, and areas for optimization, ensuring robust liquidity handling capabilities.
* Worked closely with Risk Management teams to mitigate liquidity-related risks by developing and executing effective **testing plans**.
* Ensured **data integrity** and consistency by verifying the accuracy of trade records, Order Book Updates, and Account Balances post-liquidity scenarios.
* Spearheaded the creation and maintenance of automation **acceptance test** suites using **Selenium**, **Ruby**, and **Cucumber**.
* Designed, developed, and executed load tests using **JMeter** and **Jenkins**, analyzing performance and functionality of web services through JMeter Test Cases.
* Experience with integrating **Cypress** and **Karate** with other tools such as **Jenkins**, **Maven**, and **Gradle**, as well as version control systems such as Git and SVN.
* Generated **API test** scripts using **Rest assured & BDD framework**, implementing a Hybrid framework combining keyword and data-driven approaches for automation.
* Utilized Test Management tools like **JIRA** for efficient bug tracking and test progress monitoring.
* Collaborated closely with Product Development teams to ensure quality and efficiency in project delivery, coordinating rigorous testing and **bug reporting processes**.
* Prepared maintenance documentation and conducted **Acceptance** and **Regression tests** to ensure software stability.
* Performed **Mobile Testing** using **Appium**, identifying mobile platforms (IOS, Android), and executing test plans accordingly.
* Implemented mobile app testing using both **Emulator** and **Simulator** on IOS and Android platforms, leveraging Appium.
* Developed automation test suites for progression regression testing in **SoapUI**, testing both SOAP over **HTTP & REST** based clients with **XML Payload**.
* Utilized **SQL queries** for Back-end testing, ensuring data completeness and integrity.
* Developed a test automation framework for the Mobile version of Web App using **Web Driver Backend** and **TestNG**.
* Managed overall Test Management using ALM, ensuring thorough understanding of written requirements and effective use of **Apache POI** library for data-driven frameworks.
* Conducted **Database testing** and performed both **Negative** and **Positive testing** using SQL queries.
* Actively participated in daily Scrum meetings and sprint reviews, implementing best practices for efficient test and defect management.

**Environment:** Agile, Selenium WebDriver, Java, TestNG, Cucumber, Jenkins, Maven, SOAP UI, SQL Server, Xpath, Jira, Eclipse, Page Object Model, JMeter, Bugzilla, JavaScript, Quality Center, Jenkins/Docker (DevOps), AWS, Appium, Windows XP, Apache POI, ETL, GIT.

**Mayo Clinic – Rochester,MN Oct 2013 – July 2016**

**QA Automation and Manual Engineer**

**Responsibilities:**

* Analyzed functional specifications to develop comprehensive test plans and cases aligned with user requirements.
* Executed test plans and cases manually, ensuring alignment of actual results with expected outcomes.
* Managed **Selenium** and **Java** automation code in **SVN**, implementing enhancements and new features.
* Conducted Web Services Testing and **XML** validation using **SOAP UI** to ensure robust functionality.
* Tracked test scripts, manual test results, and defects using Test Director, ensuring thorough documentation and resolution.
* Utilized **Firebug** Tool to identify application elements such as objects, IDs, Names, XPaths, and links, enhancing test coverage.
* Verified testing results against expected outcomes by executing scripts from Test Lab and Test Cases in **Quality Center** (QC).
* Conducted comprehensive **Positive** and **Negative Testing**, including **Black Box** **Testing**, **Regression Testing**, **System Testing**, and **User Acceptance Testing(UAT)**.
* Extracted data from databases and validated test results to ensure **Data integrity** and **Accuracy**.
* Collaborated with developers to address issues reported in **Bug tracking**, fostering a collaborative environment for issue resolution.
* Prepared detailed test summary reports for every release, providing insights into testing progress and outcomes.
* Actively participated in business requirement and functionality specification reviews, contributing to the refinement of project objectives.
* Demonstrated expertise in **Git** commands for efficient source code version management.
* Implemented **TestNG** for Data-driven and parallel testing, optimizing testing processes and efficiency.
* Created comprehensive Plan and Approach, Strategy documents, High- & Low-Level design documents, and Test Data Management sheets for Service Virtualization.
* Leveraged **ETL** methodology using tools like **Talend** for effective data extraction, transformations, and loading processing.
* Generated reports and executed test scripts using **Protractor**, **Karma**, and **Cucumber**, ensuring comprehensive test coverage and accuracy.
* Engaged in sprint planning sessions, facilitating discussions on scenarios and real-time use cases with the development team and product owner.
* Implemented simulator and emulator for **Mobile App Testing** on Android and iOS platforms using **Appium**, ensuring compatibility and functionality across platforms.
* Conducted Accessibility Testing by Voiceover for iOS Devices and **Keyboard Navigation Testing** for visually impaired users, ensuring inclusivity and usability.
* Conducted End-to-End manual and automation tests using **Cucumber** **(BDD)**, **Ruby, Selenium IDE/RC, WebDriver Java UFO** framework, and **Jenkins**, ensuring comprehensive coverage of all testing scenarios.
* Tested **RESTful APIs** / Web Services (SOAP) using **Postman** and **Rest Assured** library, ensuring robust functionality and data integrity.
* Performed **JSON** validation by creating test case suites using **SOAP UI**, ensuring data consistency and accuracy.
* Conducted comprehensive Functional and Non-functional Testing, including **Regression**, **Sanity**, **Smoke**, **Performance**, **Usability**, and **Security testing**, ensuring the reliability and **Performance** of software products.

**Environment:** Java, C#, Selenium, SOAP UI, Test Director, Junit, Quality Center, Firebug Tool, Protractor, Karma, Cucumber, Appium, JMeter, Postman, Rest Assured, Ruby, TestNG, Cucumber, Zephyr, Talend, MySQL, XML, JSON, Accessibility Testing, Web Services Testing, End-to-End Testing, REST, Jira, Jenkins, SVN, Git.

**Apollo Hospitals – Hyderabad, India June 2012 - Sep 2013**

**QA Automation Engineer**

**Responsibilities:**

* Analyzed functional specification and created **test** **plans** and **test cases** per user requirements.
* **Manually** executed test plans and test cases to verify actual results against expected results.
* Maintained the **selenium** and **Java** automation code and Resources in **SVN** over the time for improvements and new features.
* Performed Web Services Testing and **XML** validation by creating test case suite using **SOAP UI**.
* Tracked test scripts, manual test results and **defects** in **Test Director**.
* Used Firebug Tool to identify the Object& id, Name, **XPath**, link in the application.
* Involved in all the phases of **Manual Testing** process.
* Executed scripts from Test Lab and Test Cases in **Quality Center** (QC), verified testing results against expected results and tracked defects.
* Performed both the **Positive** and **Negative** Testing.
* Performed **Black Box Testing, Regression Testing, System Testing and User Acceptance Testing**.
* Extracted data from **database** and **Validated** test results.
* Follow-up with **bugs** filed work with developers to resolve the issues.
* Prepared test summaries **report** for every release.
* Participated in business requirement and **functionality** specification reviews.

**Environment**: Automation testing using selenium, Java, TestNG, SOAP UI, Test Director, Fire Path, Junit, Eclipse.