**Maheswar Reddy**

**Sr.QA Automation Engineer**

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**EDUCATION**

* Bachelor of Technology in Information Technology – JNTU Anantapur, India -2012

**TECHNICAL SKILLS**

**Testing Tools:** Selenium WebDriver/IDE/GRID/RC, HP Quality Centre/ALM, JUnit, TestNG, JIRA, SoapUI, QTP, Protractor, JMeter, Cucumber, Gherkins, Ruby, FitNesse, Coded UI, Appium, Android Studio.

**Language/ Script:** Java, JavaScript**,** NodeJS UNIX, Shell Script, VBScript (UFT), C, C++, C#, Python, Perl, SQL, PL/SQL, .NET

**Frameworks:** Hybrid, Keyword Driven, Data Driven and Robot Framework

**Web Technologies:** HTML, DHTML, CSS, XML, XSD, XSL, XSLT, XPATH, AJAX, JSP, XML, CSS, Flash

**SQA Technologies:** SOAP, REST, WSDL, UDDI

**Bug Tracking Tools:** HP Quality Centre, Bugzilla, Visual Studio TFS, JIRA, Bamboo, Rational ClearQuest

**Build/ Tools:** Ant, Maven, Jenkins, Hudson

**Databases Technologies:** MS SQL Server 2000/2005, LAMP, OLAP and OLTP, Oracle 9i/10g, MS Access 2000, SQL, Oracle PL/SQL, SQL\*Plus, TOAD, SQL\*Loader, MYSQL

**Operating Systems:** Windows 98, 2000, XP, Windows 7, windows10, UNIX, Linux and Mac

**Utilities:** Eclipse, GIT, SVN,CVS, Firebug

**SUMMARY**

* Over 10+ years of experience **in Software testing in Automation testing using** **Rest** - Assured for **web services** and **selenium** **web** driver for **Web** applications Hands on in **JavaScript** development tools like **Webpack**, GraphQL and **testing** tools like **Jest.**
* Design and develop **test** cases from specific requirements, then **testing**, debugging, and finally implementing the finished software, to **test** the latest version of **Firmware** for Wireless Charging Experienced of Mobile App **testing** using **Appium** **framework** and Kobiton tool
* Experience in Working on **API Testing** (**REST** API) implementation using **Java** Coding as well as usage of **SOAPUI** . Hands - on Experience in Visual Automated **testing** using Applitools Eyes. Have hands on experience in groovy scripting with SoapUIPro and Ready **API testing** web-**services**.
* Expertise in documenting the Business Requirements Document (BRD), generating the UAT Plan, maintaining the Traceability Matrix and assisting in Post Implementation activities Performed white-box **testing** of ETL-oriented applications written in **C#**, Transact-**SQL** and Visual Basic
* Proficient in the use of Quality Center for **Test** Planning, **Test** Designing, **Test** Analysis, **Test** Execution, Defect Tracking and **Test Evaluation** Excellent Experience in **load** **testing** **web services** using **JMeter** with **maven** and build through **Jenkins**. Experienced in using build tools like **Gradle** and **Maven**. Experienced in writing Automation **API test** cases for RESTful and SOA applications using **Selenium**, **Gherkin**, **Cucumber**, **Java**, **Junit, XML** and **JSON.**
* Experienced in **Mortgage Servicing Package (BKFS MSP)** mainframe application for various **test** purpose and downstream application **testing**.
* Performed manual **testing** of each build and then regression **testing** on each build using Mainframes, **Unix**, **SQL**, **Soap** UI, **Web** Applications.
* Developed **Test** Scripts to implement **Test** Cases, **Test** Scenarios and features for **BDD (Behavior Driven Development), TDD (Test Driven** Development) using **Cucumber**.. **QA** Tester for yellowpage.com and m.yp.com Consumer Facing and SEO functions for Front End
* Good working experience on **SOAP** UI for automation **testing** and **load** **testing** for validating various **web services** used in the application. Experience in working with **Spring Cloud Contract** for integration and unit **testing**. Experienced in using Version Control Systems like **GitHub** and **ClearCase.** Built Hybrid Automation **Framework** from scratch with **Java** Eclipse IDE and **Selenium** **Web** Driver.
* Hands on experience in analyzing Business requirements and finalizing **Test** Approach, **Test** Plan, preparing **Test** Scenarios, **Test** Conditions and **Test** Scripts as per Functional and Technical Design Document. Excellent Experience in Tracking Defects during the **testing** process using **JIRA**.
* Extensive knowledge in acceptance **testing** using **Selenium** **WebDriver**. Experience in performance **testing** using **Load** Runner integrating with ALM Experience in Full life cycle system development involving **analysis, design, development, testing, documentation, implementation** maintenance of application software. Good experience in **web** application automation using **Selenium** and Protractor frameworks.
* Experience with **CORE JAVA**, **Multithreading, JDBC** and Concepts. Experience with multiple software development methodologies - including Waterfall, Iterative, V-Model, **Agile** & Scrum Expertise in integrating all **test** scripts to **Jenkins** using **Maven**. Experience in using **GIT** for code repository. Expertise in mobile **testing** using **Appium** on real and virtual devices and in Perfecto Mobile which is a **cloud** based mobile **testing**.
* Well-versed with various delivery models such as waterfall, **agile**, V-Model • Experience in working as a Scrum master for critical integration projects. Also supported program sponsor by handling vendor communications for Integration projects at program level.
* Proficient in various **test** management and defect tracking tools such as **JIRA**, Quality Center • Excellent communication, analytical and interpersonal skills. Good Knowledge on .NET **framework**, languages & tools including: **XML, HTML, ASP.NET, VB.NET.**
* A dynamic and a result oriented SDET (**Java** and JavaScript)/**QA** Analyst s of experience in various domains including HealthCare, Banking, Insurance and Ecommerce. **Automating Angular JS applications by using Protractor, Jasmine and Karma using Java script.**
* Extensive knowledge on Quality Assurance standards, methodologies and strategies with better understanding of **Software Development Life Cycle** (SDLC) and STLC. Have knowledge on **Soap** and Restful **web services** **testing** using **SOAPUI**, Ready **API tool. XML, WSDL,LA LISA and XPATH.**
* Extensive experience in **testing** both manual and automation **testing** of Client server, **Web** based and API/ **web Services**, Angular and non-Angular applications. Hands on knowledge in creating automation **test** cases for enterprise applications from scratch using **Java** and JavaScript.
* **Experience in SQA (Software Quality Assurance) including Manual and Automated testing with tools such as Selenium RC/WebDriver/IDE/Grid, HP Quick Test Professional and JUnit/TestNG, ANT, Maven, Jenkins, Hudson, Cucumber, Quality Centre, JMeter, JIRA and SOAPUI.** Good knowledge of handling different locators through **CSS**, XPATH.
* Strong working experience in **Agile** **Testing** **Environment** and good expertise in handling **Scrum calls, Sprint Planning**, Reviews and retrospective meetings. Extensive experience in **Appium for mobile testing in Android, IOS and Mobile Applications.**
* Experience in **testing** both **SOAP** **Web services** and **RESTAPI using SOAP UI, MongoDB, Postman, Rest Assured** and **Tested both XML and JSON formats.** Experience with Mobile Compatibility **testing** and Mobile application **testing** - iPhone, Android, iPad/ Tablets, Windows phones.
* Extensive experience on Core **Java** and Object-Oriented Programming (OOP) concepts and Experience in designing, developing, enhancing automated **test** scripts for **Selenium** using **Java**. Good knowledge on **Azure** **cloud** and **AWS** (Amazon **web Services**).
* Expertise in **Selenium** **WebDriver**, **Java**, **Jenkins** (continuous integration, Regression tests), **Maven**, **Eclipse IDE, TestNG, JUnit**, **Cucumber** (BDD/TDD). Strong Knowledge in automating the software **testing** environment with open-source tools like **Selenium** IDE, TestNG, **Web** Driver.
* Designed, developed and successfully implemented TDD or BDD, Hybrid and Keyword driven frameworks from scratch, using programming languages like **Java**. Expertise in automating the **Rest** **web services** **testing** using **Rest**-Assured **Framework** with **Maven** Integration and TestNG.
* Experience in developing BDD using **Cucumber** in **java** and worked very closely with the Product owner (PO) to develop Features files, steps definitions and **Test** Runner Good hands-on Automated Functional **Testing** experience using **Selenium** **WebDriver** for **testing** Web-based applications. Experience in **Web services** **testing** for **REST** **API Postman** and Visual Studio. Have sound knowledge of protractor frameworks.
* Automated **test** cases within the same sprint and built automation regression **test** suite for the application which can be executed during each sprint release. Extensive knowledge on Junit and TestNG. Expertise in automating and Virtualizing **Web services** using DevTest (Formally CA- Lisa)
* Experience in creating reusable methods for the common **framework** development to support Web, mobile applications and **API** as well by analyzing the functionalities of various **web** applications Experience on Data Driven, Page Object Model in **Selenium** **WebDriver** and TestNG.
* Experience in back-end Database **testing** writing and executing **SQL** queries and other database operations with databases like **SQL** Server and Oracle. Developed and executed **SQL** queries to perform back-end **testing**. Wrote and executed **SQL** queries to interpret **test** results.
* Professional experience in **Selenium** **Web** driver, Implementation of Page Object Model with Hybrid Frameworks and Automated **Testing** frameworks for domains such as Banking, Healthcare, Retail and Consumer Goods. Automation experience with **Selenium** TestNG and **Cucumber** frameworks. Well-versed in **Agile** process, which involved Scrum meetings, Sprint Planning and Grooming Meetings and Retrospective Meetings.
* Involved in all phases of the SDLC (Software Development Life Cycle) from analysis, design, development, **testing**, implementation and maintenance with timely delivery against aggressive deadlines. Experience in Bug Tracking and Bug Reporting (Bugzilla, **JIRA**).
* Have experience designing **Test** Plans, **Test** strategies, developing **Test** Scenarios and **Test** Cases/Scripts, RTM, executing **Test** Sets, creating **Test** Data, analyzing the derivation of various **Test** Metrics and deliverables for **Web** application **testing**. Validated CSV files, Flat files and Data extract from source and target systems. Worked in **Agile** **Testing** methodologies and attended Daily Scrum meetings / Defect review meetings.
* Expertise in **testing** **Web Services** like **SOAP** and **REST** using **SoapUI** & amp; **Postman**. Used **Java** JSON, also to **test** Restful. Validated **SOAP**, XML responses using different **SoapUI** Assertions. Good experience in Data Driven and Hybrid **Testing**.
* Experience in data- driven **test** using **Jenkins** and Excel. Worked on Cross browser **testing**, browsers like Mozilla Firefox, **Google** Chrome and IE using **WebDriver**. Extensive experience in **Testing** **Java**, ASP. Net, VB.Net based applications. Have used HP-QC, HP ALM and **JIRA** tools for **Test** Management. Designed and developed automation **framework** for **testing** **REST** APIs using **Soap** UI and Groovy.
* Expertise in **testing** Client/ Server and **Web** based applications using Automation **Testing** Tools and Manual **Testing** and **web services** **testing** using **SoapUI** Automated **Testing** using **Selenium**, QTP, **SoapUI** and Quality Centre Expertise in designing Automation Frameworks
* Experienced in Analyzing, Designing and Implementation of **QA** **testing** strategy for **Web** based and Client/Server applications using Manual **testing** and Automation **Testing** **Selenium** of client server application in back - end **testing**.
* Extensive experience in analyzing, building, executing **Test** Plans, **Test** Scenarios, **Test** Cases according to business, functional and User Requirement Specifications. Experience programming in **Java**, **Python**, JavaScript, **HTML**, XML and **SQL** on Windows XP, Vista Operating Systems and **UNIX** environments. Proficiency in writing **Test** strategy, **Test** Plan Preparation and Implementation, Defect management, including Defect creation, modification, tracking, and reporting. Experienced wif source version control tools such as Subversion (SVN) & **Git**.
* Hands on experience working with all stages of the **Software Development Life Cycle** and **QA** Life Cycle in all dimensions of Functionality, Usability & Reliability. Experience in automating **test** cases using TestNG, Junit and **Cucumber**, javascript, hyper text markup language, UI scripting and execution Implemented functional tests using **java**, TestNG/JUnit **framework** and also **cucumber** **framework** for BDD.
* Knowledge of Automation **Testing** Frameworks - Ruby **Cucumber**, Data driven, Behavior Driven Development (BDD), Keyword driven and Page Object Patterns. Experience in various types of **testing** like Functional **Testing** , Smoke **testing**, Black-box **testing**, White-box **testing**, Integration **Testing** , Unit **Testing** and Database **Testing** , Installation **Testing** and Compatibility **Testing** on different platforms.
* Good working Knowledge of XML, **SOAP**, WSDL/UDDI, and **Web Services**. Enhancements (WSE) and **Web services** using the latest **Web services** protocols. Experience understanding the code written in different programming languages VBScript, **JavaScript** and databases like Oracle, **SQL** Server. Exposure to continuous integration tools like **Jenkins** and used **Maven** and **Ant** for project as building tools.

**PROFESSIONAL EXPERIENCE**

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| **Client: Adeptus Health Inc., Irving, Texas Nov 2021 – Present**  **Role: Sr.QA Automation Engineer** |

* Interacted with Business Analyst and Developers to understand the application architecture and recommended **testing** strategy.
* Worked in the **agile** environment with frequently changing requirements and features set. Developed and tested Bank transfers API’s on **AWS** **cloud**.
* Worked on Behaviour-Driven Development (BDD) implementation with **Cucumber** **gherkin** and **Jenkins** Continuous Integration, expanded **test** scenarios, tracked **Cucumber** reports. Used **Test** Driven **framework** with TestNG, **Selenium**, JDBC, **AWS**-**Java**-SDK-S3, **Rest** Assured library.
* Understanding requirement and developing end to end automation **test** scripts using **Selenium** **WebDriver** wif TestNG **framework**.
* Good knowledge and proper understanding of **Azure** Data Factory (ADF) such as mapping data flows, pipelines.
* Responsible for automating the **testing** effort using Micro Focus **UFT**, **Selenium** and to create and maintaining the Micro Focus MICRO FOCUS **UFT** scripts and **Selenium** scripts. Developed ETL **test** cases for various lines of businesses based on ETL mapping document.
* Educate developers on how to commit their work and how can they make use of the CI/CD pipelines dat are in place.
* Preparation and define **QA** /UAT **Test** Strategy, integration **Test** Plans, **Test** Scripts and coordination of all **testing** activities including defect tracking and issue remediation. Involved in **QA**/UIT/UAT/Regression **Testing** for Connectivity, Data Flow, Data Validation, and Error handling.
* Prepared **Test** Plan, **Test** Strategy, **Test** Data, **Test** Case, **Test** Result and Traceability Matrix in qTest and HP ALM Quality Center Tool.
* Developed of automation **framework** for Perfecto and **Appium** solutions and integrated wif continuous integration tools like **Jenkins** and **JIRA** to establish an end-end DevOps automation **framework**. Conducted **Web** Application Quality Assurance duties in an **AGILE** Development Environment. Coordinated and performed all CSV Provided guidance for CSV activities performed by contract service providers
* Involved in manual **testing** and automate **SOAP** and RESTful **Web Services** using **SoapUI**, Apache Http Client, and **REST** Assured. Validated **SOAP** UI and RESTful **API services**. Involved in development and execution of TestNG suites for the bank application modules using TestNG **framework**.
* Actively involved in entire SDLC and STLC of an application. Saved remarkable time and cost of **testing** by automation using **Selenium** **WebDriver**, **JAVA**, **Cucumber**. Implemented Implicit and Explicit waits to overcome synchronization issues. Manage **Jenkins** to run CI/CD.
* Performed GUI, functional, and system **testing**, both manually and automated using HP QC and QTP/**UFT**. Created of **Test** Plan for the projects and tracking defects and requirement using qTest. Implemented simulator for mobile app **testing** in IOS, Android using **Appium** Tool.
* Automated Smoke and Functional **test** cases using **Selenium** **WebDriver**, TestNG and **Java** (Eclipse IDE). Involved in updating **Framework** functions when needed, executed them and generated reports. Participate in planning and execution of **QA**/UAT **testing**. Implemented UI Automator viewer in **Appium** to inspect elements in mobile applications. Created well written Manual **Test** Cases & **Test** Scripts using HP QTP/**UFT** wif best practices Performed Smoke, End to End and Regression tests in **Test** environment and Production support environment.
* Documented and assisted the **QA** Team wif the **Test** Plan. Also worked on different types of **testing** in different environments e.g. UAT, UIT, and SIT **testing** including regression, parallel, **load** runner and many of other **testing** techniques. Worked on Data migration and performed UAT **testing** .
* Tested the ETL Informatica mappings and other ETL Processes Data Warehouse **Testing** Used Reporting tool **JIRA** and Bitbucket for Defect Tracking and Management. Developed and maintained automated regression **test** cases in **Selenium** **WebDriver** using **Java**.
* Created Modules in **TOSCA** for different applications using XSCAN/**TOSCA** Wizard. Feasibility check of applications for **test** automation using **TOSCA**. Used **SOAPUI** tool to **test** Service Oriented Architecture (SOA) based architecture application to **test** **SOAP** **services** and **REST** API.
* Using a risk-based approach, provided guidance on System Development Life Cycle (SDLC) and Computer System Validation (CSV) requirements for the implementation of all computer systems in compliance wif Ricon Pharma's Quality Management System and GxP regulations.
* Developed JSON Scripts for deploying the Pipeline in **Azure** Data Factory (ADF) dat process the data using the **Sql** Activity.
* Setup full CI/CD pipelines so dat each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to the production. Used **Jenkins** as continuous integration server to run automated **test** suites.
* Interacted wif developers and users to analyze the business requirements and functional specifications in an **AGILE** Development Environment.
* Involved in Mobile Application **Testing** using Sauce Labs **Cloud** environment. Created, executed Debugging **Test** Scripts using QTP/**UFT**.
* Developed of Regression Suite on thin client/Thick client the **test** cases using **TOSCA** tool. **Test** automation of GUI & Non-UI applications, Excel, XML, API, **Web services** applications using **TOSCA**. Used Descriptive Programming for the Automation **testing** QTP/**UFT**.
* Developed **framework** from the scratch for using **Cypress** to automate UI and used **Java** script, NodeJS and NPM for Angular based user interface.
* Analyzed the functionality needs to be automated based on the manual **Test** Cases and estimated time & efforts Performed UI and **API testing** using **Cypress** and created from **framework** from the scratch. Involved in Functional **Testing**, System **Testing**, UIT and Regression **Testing**.
* Worked on Recovery scenario, Database, and API. Involved in developing new custom controls and special execution task in **TOSCA**.
* Used **SQL** programming in backend and front-end functions, procedures, packages to implement business rules and security.
* Designed and implemented scalable, secure **cloud** architecture based on Amazon **Web Services**. Leveraged **AWS** **cloud** **services** such as EC2; auto-scaling. Integrated Automation scripts (**Selenium** **WebDriver** API) in Continuous Integration tools (**Jenkins**) for nightly batch run of the Script.
* Performed ETL **testing** and extensively used **SQL** functionalities. Used TOAD to connect to Oracle Database.
* Used **JIRA** as a **test** Management tool and as a bug reporting tool to track **test** progress, execution and deliverables. Training new team members for automation using **Selenium** **Web** Driver Involved in Completely **Web** Service/ **API testing** through **Soap** Xml using **SOAP** UI tool
* Used **SOAP** UI tool to **test** SOA based architecture application to **test** **SOAP** **services**. Designed and developed **test** structure for **web services** to validate **API** calls using **SOAPUI**. Consider all Report Bugs for continuous process improvement and keep tracking on SDLC critical path
* Developed and executed **SQL** queries to verify the proper insertion, deletion and updates into the Oracle supporting tables and cubes.
* Responsible for implementation of Hybrid **Test** Automation **Framework** build using **Selenium** **Web** Driver, TestNG and **Maven** technologies under **Java** platform utilizing industry leading harness design patterns and approaches. Used Apache POI methods for writing to Excel sheets in **Java**.
* Used **Selenium** Grid to execute **Selenium** automation suites on a different platform, browser combinations in parallel. Performed defect logging and tracking using the HP Quality Centre and **JIRA**. Used Jenkin as a Continuous Integration server to configure with **GitHub** and **Maven**.
* Enhance/maintain automated regression suite based on new features and existing site behavior, using **Selenium**, written in **Gherkin** format
* Worked in the **Framework** of POM for UI Automation in **Selenium** **Web** Driver. **Testing** Android, iOS and Unity SDK by utilizing Xcode and Android studio Designed Hybrid **Appium** **Test** automation **framework**, Page Object Model for mobile application (Android/iOS apps).
* Performed Cross-platform, Functional, Regression **testing**, UI **testing** for the mobile app using **Appium** **test** automation **framework**.
* Involved in running **Selenium** automation scripts and updating the scripts according to enhanced requirements using **Selenium** **WebDriver** and **Python**. Writing and executing **SQL** queries on MySQL server in LAMP Environment. Involved in writing automated scripts for AngularJS application using Protractor and JavaScript. Involved in **testing** of **web services** using **SOAP**/**REST** **services** using **SOAPUI**, Groovy Script.
* Developed the features, scenarios, step definitions for BDD (Behaviour Driven Development) and TDD (**Test** Driven Development) using **Cucumber**.
* Performing daily sanity tests by running the BVT report using **Jenkins**. Used Protractor to run end-to-end tests that are written in **JavaScript** and run with node. Implemented **web services** **testing** on XML Schema. WSDL using **SOAP** UI and validated them in **SOAP** and in the Backend Databases. Used Ruby Mine IDE to write **Gherkins** and generated step definitions and methods using ruby/ **Cucumber**.
* Good Knowledge in using **SOAP** UI tool to **test** **SOAP** **web services** and **REST** API. Worked on **Test** automation tool QTP/**UFT** for the execution of UAT and Regression Scripts. Integrated Automation scripts (**Selenium** **WebDriver** API) in CI / CD tools (**Jenkins**) for nightly batch run of the Script. Extensively involved in development of **UFT**/QTP scripts using wif VB Script.

**Environment**: **Java**, **Selenium** **WebDriver**, **Appium**,**Cypress**,jest, Seetest Eclipse, **Test** NG, **SOAPUI**, Toad, **Cucumber**, QTP, Kobiton **Load** Runner, **Maven**, CRM, **Jenkins**, **JMeter**, **Python**, HP ALM, HP Quality Center, SAP GUI, **HTML**, XML, **Agile**, **JIRA**, ERP, **SQL** and Windows

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| **Client: Cisco Systems India Pvt Ltd,Bangalore,India Jan 2019– May 2021**  **Role: QA Automation Engineer/SDET** |

* Selected the **Test** Cases to be automated and performed functional **testing** of the front end using **Selenium** (IDE and **Java** **Web** Driver) & created Data Driven **Framework** using JUnit. Performing maintenance activities related to entire system written in **C++,** **Java**, J2EE, **web services**.
* Used Apache POI to read data from Excel files. Created POM to store the project data and configured their details using **Maven** to build the project.
* Good knowledge on **Appium** Emulators and IOS simulators. Implemented simulator for mobile app **testing** in IOS using **Appium** Tool.
* Analyzed **test** results, tracked the defects and generated reports using **JIRA**. Design and Implementation of BDD **framework** using Ruby-**Cucumber**.
* **Testing** of Different versions of operating systems like MAC Devices and Windows Operating Systems using **Appium**. Worked in the **Agile**/Scrum development environment with frequently changing requirements and features.
* Performed **web services** **testing** both **SOAP** and **REST** with **SOAP** UI by validating request and response for **XML, JSON.** Created automation scripts in **SOAP** UI using Groovy Script for **web services** **testing**. Involved in writing **Gherkin**, steps and backend **selenium**/**java** code for firms and variance projects. Experience with LAMP Stack in Backend **testing**, data validation, ETL Automation, Database **testing** using **SQL** queries.
* Involved in running **Selenium** automation scripts and updating the scripts according to enhanced requirements using **Selenium** **WebDriver** and **Python**. Used **Ant** and **Maven** as Project building tool along with **Jenkins**. Expertise in **HTML**, **CSS**, **HTTP, JavaScript, XML, AJAX and JQuery.**
* Prepared **Test** Plan, **test** Cases, **Test** scripts and **Test** Metrics for the application as well as for the database verification based on the functional requirements, portal redesigned and **test** specs. Used Protractor for End to end Automation **testing** for Angular JS applications and writing javascript.. Experience with end-to-end **test** **framework** for AngularJS, NodeJS, and other **JavaScript** applications by using Protractor **Testing**.
* Worked in **Agile** environment, with an ability to accommodate and **test** the newly proposed changes at any point of time during the release.
* Involved in designing and implementing of hybrid automation **framework** to be used with **Rest** Assured and **Maven** using TestNG **framework**.
* Performed Data driven **testing** **Rest**-Assured using TestNG functions and JDBC Connections which reads data from scripts using property and XML files. Experience in writing automation **java** coding using **rest**-assured library with **java**, **cucumber**
* Developed **framework** from the scratch for using **Cypress** to automate UI and used **Java** script, NodeJS and NPM for Angular based user interface.
* Expertise in SOA, XML, XSD, XLS - End to End **testing** which includes **web services**, MQ and **REST** **services** using CA LISA, **Selenium** and **SOAP** UI. Maintained the **Java** and **Selenium** **test** source code and resources in the SVN source control repository tool.
* Performed Integration **Testing**, Functional & Non-Functional, System **Testing**, Regression **Testing**, UAT **Testing**, Exploratory **Testing**, Browser Compatibility **Testing**, Reliability **Testing**, Unit **Testing** – Jest **Framework** Experienced in Service Virtualization through Para soft and DevTest/LISA Worked with teams to resolving operational and performance issues (using **Load** runner, Storm runner, Gattling, Scala)
* Involved in the impact analysis as per the requirement document and prepared the detail design specification document during the application modernization of legacy mainframe. Developed **test** cases for ETL process and reporting. Used **SQL** for Querying the database in UNI environment.
* Local Category Pages: Enhancing a select number of categorical search result pages (such as plumbers and dentists) through additional curated and auto generated content for platinum level advertisers with yellowpages.com to improve organic traffic and SEO visibility.
* Coordinated with **testing** team to perform baseline, **load** and regression tests on applications. Execution of manual **API Testing** using **Postman**.
* Used emulators and IOS simulators to perform the manual Mobile **Testing**. Used **Appium**, X code for Native Mobile Application automation **testing** for iOS and Android platform, on real devices. Created various **test** **framework** using Node Js, Wedbriverio, mocha-chai and Spectrum.
* involved in creating Hive tables, loading with data and writing hive queries that run internally in map reduce carried out data transformation and cleansing using **SQL** queries, **Python** Used **Git** repository for efficient remote team working, also stored the **framework** and all the developed **test** cases. Used automated scripts and performed functionality **testing** during the various phases of the application development using **Selenium**
* Performed automation using Spring **Cloud** contract for integrating automation scripts with development code base which can be used for Unit **Testing** and Integration **Testing**. Experience in **testing** Manhattan WMS 2016 for inbound and inventory management functionalities.
* Used **Maven** for building the **Rest**-Assured project. Integrated with Continuous Integration tools **Jenkins** for running **test** on nightly basis automatically. Previous experience with modern authentication protocols including SAML, OpenID Connect (OIDC) and OAuth
* Manage builds and releases for Confidential Symphony **Cloud** and for vMS Hybrid **Cloud** solutions for Platform-as-a-service with OpenStack, Docker, Kafka, Microsoft **Azure**, and **Cloud** Foundry, **AWS**. Proficient with **testing** **Rest** APIs, Wed & Darebase **testing**.
* Executed BDD (Behaviour Driven Development), ATDD (Acceptance **Test** Driven Development) using **Cucumber** Features, Scenarios and Step Definitions.. Create/Maintain application build templates and definitions using TFS, **C#** and PowerShell/Psake and **Git**
* Responsible for creating **test** scenarios for user stories and creating automation **test** suites using **Python**, **Selenium** **Web** driver, Pytest **framework**..
* Expertise in mobile **testing** using **Appium** on real and virtual devices and in Perfecto Mobile which is a **cloud** based mobile **testing**.
* Created XML based TestNG **test** suit and integrated with **Jenkins** Server to execute automation scripts on a regular basis by scheduling **Jenkins** jobs in different **test** environments with different **test** configurations. Performed Automation for regression using **Selenium** **WebDriver** for UI screens.
* Involved in **REST** based **web services** **testing** using **SOAP** UI **web services** **testing** tool. Used **Jira** for bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status. Created automation scripts in **SOAP** UI using Groovy Script for **web services** **testing**. Developed and executed **SQL** queries to verify the proper insertion, deletion and updates into the Oracle supporting tables and cubes.
* Involved in designing scenarios in **JMeter** to perform **Load** and Stress tests and to analyze results. **Selenium** **WebDriver** and **Python** and performed unit **testing** by using Unites and Pytest. Used TOAD, DB Artisan tools to connect to Oracle Database to validate data that was populated by ETL Applications. Create and update the Devops configurations for setting up Dev/**QA**/Prod environments using PowerShell and Ruby.
* Involved in automation **testing** for iOS native app using xctest and swift. Integrated **JMeter** with **maven** for continuous integration with **Jenkins**.
* Worked on Android/IOS Mobile native application **testing** by using **Appium**, Android SDK, Xcode tools and executed the automated **test** scripts..
* Firebase **CLI**, **REST** API, Node.js, **Javascript** and **python** scripting to access production Firebase Database, gcloud API, compute engine, Confidential **Cloud** TPUs, Kubernetes and docker. Developed **test** automation **framework** scripts using **Python** **Selenium** **WebDriver**..
* Strong Knowledge on **Cypress** automating tests using protractor for **angular JS projects** Experience in CA Lisa for virtualization and Automating the **Web Services** Prepared user documentation with screenshots for **UAT (User Acceptance testing)**
* Decreased **test** time by 35% and collaborating with Cross functional team to implement BDD(Behavioral Driven Development using **Cucumber** - **Gherkins** **Scripts, Jest Framework, Jasmine** **Framework**) and plan effort for each release

**Environment:** **AGILE**, **Java**, **Selenium** **Web** Driver/ GRID, **Maven**, Mortgage SeetestCRM, UI, **POSTMAN**, Kobiton, TestNG, SEO ,**Cypress** ,JSON, **HTML**, **AJAX**, HTTP Client, **Jenkins**, **JIRA**, jest ,Oracle, **GIT**.

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| **Client: Hewlett Packard Global Ltd, Bangalore, India Mar 2016 – Dec 2018**  **Role: Quality Analyst** |

* Work with development team and users to understand the application architecture to develop the best possible real time scenarios for **testing**.
* Developed **Test** Plan, Strategy, **Test** Cases, **Test** Scenarios, Scripts, **Test** Metrics, and Reports. Developed **test** automation for **web** application using **C#**, TestNG, and **Selenium** **WebDriver**. Experience in Backend **testing**, data validation, ETL Automation, Database **testing** using **SQL** queries in MySQL server. Responsible for creating **test** plans and **test** cases for Products and **Services** implemented using Microsoft **Test** Manager (MTM).
* Worked in **Agile** methodology. Attended Daily stand up meetings and actively participated in Sprint Planning and Review Meeting, prioritized **test** cases, estimated time for **test** case creation and execution. Written **shell script**s and **Python** scripts for performing **Load** tests on applications.
* Capture and maintain execution progress and defects statuses using TFS. Worked on Coded UI for cross-browser compatibility and optimization.
* Developed and implemented the app database to integrate the payment history data and payment centre location data in XML and JSON format coming from the main database servers. Extensively used **SOAP** UI for functional **testing** of **web services**.
* Written white-box **test** cases based on the User and Business Requirements. Worked on **Selenium** for creating and executing **test** cases for functionality **testing** of a **web** app. Verified the application on difference **web** browser such as IE, Mozilla Firefox and safari
* Involved in defining **test** automation strategy and **test** scenarios, created automated **test** cases, **test** plans and executed tests using **Selenium** **WebDriver** and **JAVA**. Worked on White-Box server-side System level **test** cases using JUNIT. Developed Automation scripts using QTP.
* Tested web-based application on different operating systems such as Windows XP, Windows 7 and MAC. Also, tested the application for different **Java** versions. Performed automated regression **testing** to check the new functionality, bug fixes, and fix packs.
* Planning and executing the Implementation Scripts. Created Traceability matrix between Requirements and **Test** cases
* Created **test** cases to check the **html** pages (**web** page), hypertext links, images, **Java** applets and tables. Conducted Integration **testing**, functional **testing**, system **testing**. Involved in **Maven** configuration for running servers and scripts after the build. Preparation of **test** conditions detailing the high level overview. Developed and executed automation **test** scripts using **Selenium** **WebDriver**, Eclipse, TestNG and **Java**.
* Maintained **Test** logs, **Test** Suites and **Test** reports in Mercury Quality Center. Generated Modular Reports for failed **test** cases and assigned them to responsible developers. Categorized bugs based on the severity and interfaced with developers to resolve them..
* Enhanced & maintained Automation **Framework** in **Selenium** in **Java** by improving custom XPath, error handling methods, recovery scenarios and custom reporting results using TestNG. Worked on SOA - **Web Services** Technology, Validated Request and Response XML using **SoapUI** tool.
* Developed BDD tests using **Cucumber** by writing behavior and step definitions & developed required **Selenium** support code in **Java** for **Cucumber**.
* Developed **Test** Cases using WSDL, Schema files which defines **Web** Service Request, Response, methods/operations, End Point of **web** service to be tested. Added properties, property transfer to validate multiple **Web Services** calls for **SOAP** **Web** service and Restful API.
* Automated **Web Services** using **Rest** Assured using **Java** in eclipse Automated Restful **API** using **Rest** Assured **API** using **Java** by following the TDD/BDD **framework** model Tested **Web Services** /XML / **SOAP** **Web services** and Restful **API** using MongoDB, **SoapUI** tool.
* Performed Component **testing**, Functionality **Testing**, Integration **Testing**, Data validation **testing**, Regression **Testing**, UAT.
* Developed and documented complete **testing** process with well-written **test** cases. Involved in project meetings to meet project deliverables and goals. Developed Auto It functions handle Authentication windows and popup. Performed UI **testing** and front-end **testing** using **Selenium**.
* Involved in **Maven** configuration for running servers and scripts after the build. Integrated with Continuous Integration tool **Jenkins** for running **test** on nightly basis automatically. Worked in the form of sprint team with business analysts and developers in **Agile** methodology
* Used **JIRA** to track and report system defects and bug fixes. Written modification requests for the bugs in the application and helped developed developers to track and resolve the problems. Provided support during deployments and performed Build Acceptance **Testing**.
* Used TestNG Annotations in **Selenium** **WebDriver** and executed a batch of tests as TestNG suite. Developed user-friendly and flashy XSLT reports using TestNG and **Maven**. Created the tests that have no user interaction as a set and executed them as Batch tests using **Maven**.
* Integrated Automation scripts (**Selenium** **WebDriver** API) in Continuous Integration tools (**Jenkins**) for nightly batch run of the Script.
* Created and executed automation **test** cases using **Selenium** **WebDriver**/**Cucumber** **framework** for **Web** App and **Appium** / **Cucumber** for Mobile App. Involved in **testing** **SOAP** and **REST** **services** using **Rest** Assured and **testing** both XML and JSON formats.
* Developed **test** automation scripts using **Selenium** **WebDriver** for regression and performance **testing** of the various releases of the application.
* Involved in **testing** SOA with RESTful/**SOAP** **Web Services**. Created entire architecture for backend **testing** of internal and third-party **API** using **Test** Complete and **SOAPUI** .Done SOA **testing** for Payments API's using **SOAP** UI and **Java** **framework** for **web services** **testing**.
* Developed **Test** **Framework** in **Selenium** for UI Regression **Test** Automation and when necessary, and potentially executed Unit **Test** automation (**Java**). Created **Selenium** web-driver automation scripts using **JAVA** to validate functionality on various browsers.
* Prepared **test** plans, scripts, and cases based on functional specifications and user requirements using the **Azure** DevOps **Test** Plans module.
* Implemented Complex **SQL** queries – Joins/Stored Procedures in the MS **SQL** server database to perform various database operations.
* **Testing** and Automating **Rest** **API** using **Postman** Collections/**Rest** assured (Post/Put/GET Hep methods). Involved in designing and developing keyword-driven automation **framework** using **Selenium** **WebDriver**.
* Troubleshoot the errors and bugs in Automation **Testing** and update the Automation scripts.

**Environment**: QTP 11.0, **Selenium** IDE, **SoapUI**, **Selenium** Rally, Ruby, TOAD, POC Monitors, Linux and GUI **Testing**.

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| **Client:IBM India Pvt Ltd,Bangalore,India Jun 2012 – Feb 2016**  **Role: Test Engineer (Intern)** |

* Participated in meetings with Business Users to understand the Business requirements and better understand the Project Requirements.
* Involved in setting up configuring the **testing** environment with Eclipse, JUNIT, and **Selenium** RC and **Selenium** **Java** client driver. Developed and executed the **test** scripts with **Selenium** and **Java**. Developed **test** code in **Java** language using Eclipse, IDE and Junit **framework**.
* Developed **Test** Frameworks in **Selenium** for UI Regression **Test** Automation and when necessary, and potentially execute Unit **Test** Automation (**Java** /Junit). Wrote automation scripts in Quality Centre for System, Functional and Integration **Testing**.
* Performed Data driven **testing** using **Selenium** **WebDriver**, Junit functions and JDBC Connections which reads data from scripts using property and XML files. Used XPath and DOM to work with dynamic and static objects in **Selenium**. Executed **SQL** scripts to verify the data base values.
* Designed and Developed UAT Regression automation script and Automation of functional **testing** **framework** for all modules using **Selenium** and **WebDriver**. Used **Java** language for scripting. 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.
* Performed Functional **Testing**, Regression **Testing**, and Usability **testing**. **Test** Scenarios, **Test** Cases Preparation, **Test** Execution and Tracking the Project Progress. Prepared status summary reports with details of executed, passed and failed **test** case. Coordinate the Onsite/Offshore team members. Used **SOAP** UI tool to **test** SOA based architecture application to **test** **SOAP** **services** and **REST** API.
* Utilized various **test** tools for automation of **test** cases Generate **test** reports and performed extensive **Web Services** **testing** using **SOAP** UI.
* 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. Developed and maintained automated regression **test** cases in **Selenium** **WebDriver** using **Java** programming language.
* 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

**Environment: Java**, **Rest** API, **SOAP** UI, **Postman**, **SQL**, **SQL** Server, **UNIX**, Windows and **Selenium**