**MAHESH**

[**Mb261616@gmail.com**](mailto:Mb261616@gmail.com)

**PROFESSIONAL SUMMARY**

* 7 years of Quality Assurance experience in **QA Automation Engineering in e-commerce, Insurance, Retail** and **Healthcare** Industries
* Experienced in writing & executing test cases, reporting & tracking defect, preparing test report and build test automation suite automation tools like **Selenium Web Driver**
* Experienced in functional testing, reviewing and analyzing business requirements and writing detailed **Test Plans, Test Cases** and **RTM** (Requirement Traceability Matrix)
* Good expertise in creating and executing test scripts, test cases and data sets on the basis of product release features, client requirements, technical documents
* Experience in designing QA Strategy, Definition & Execution, Test data planning and Management
* Hands on experience in various software development methodologies like **Agile** and **Waterfall** model.
* Expertise in Selenium automation using Selenium Web Driver, Cucumber, Selenium Grid, JAVA, JUnit ,Testing ,Maven , Jenkins.
* Proven ability in developing BDD/TDD scripts with Cucumber and writing step definitions for behavior.
* Strong working knowledge of Team Foundation Server (**TFS**) and Microsoft Test Manager (**MTM**)on Visual Studio Team Foundation (**VSTF**) in managing product lifecycle.
* Experienced in managing defect life cycle using **HP Quality Center/ALM** and **Jira**
* Experienced in managing agile project by creating story/defect, assigning task & tracking defect using **Version One** & **JIRA**
* Extensively used **ALM /QC (Quality Center)** to write & execute Test Cases, and track Defect
* Experienced in Verifying, Validating and performing Functional, Performance, System, Integration Scalability, White Box testing, User Interface and Regression testing of Application Software
* Developed automated scripts for **Regression testing**, **debug and enhance** the scripts, run **scripts**, wrote user-defined functions etc.
* Thoroughly conducted compatibility testing to support IE7+, Edge,FireFox, Safari, Opera, Chrome.
* Experienced in testing **Mobile Application** both in Emulator/Simulator and Real Devices. Tested mobile customized website using Chrome User Agent.
* Experience on developing Automation frame work in **Java** with **selenium Web Driver, TestNg, ApachePOI&ExtentReports** for Web Application.
* Sound knowledge on **Core Java** and **Object Oriented Concepts** (**Inheritance, Polymorphism**, and Exception Handling).
* Experienced in creating and tracking defects using Team Foundation Server (**TFS**), Microsoft Test Manager (**MTM**) and HP QC.
* Developed test automation framework from Gherkin using Cucumber, Java & Selenium Web Driver Used Team Foundation Server (**TFS**) extensively for version control of the source code along with the maintenance of the builds and the relevant documents of the same used Team Foundation Server (TFS) for source control and documented the entire application.
* Expert in automation script development using different automation tools like **Selenium WebDriver** (**Eclipse, Java, TestNg/JUnit**).
* Create test plans, test strategy, test suite, test cases, test data for automated testing using Microsoft Test Manager(**MTM**) and Visual Studio 2010 Setup Lab Management
* Experienced in developing and implementing test case in **BDD environment** using **Gherkin**.
* Developed test automation framework from **Gherkin** using **Cucumber, Java** &**Selenium WebDriver**.
* Experience in creating property files to store all the object locator (xpath/ name/ id/ css locator), file path, test site URL and use them in the **Selenium Framework**
* Experienced in designing customized hybrid framework (Keyword Driven & Data Driven) using **Java, Selenium WebDriver, Page Object Model (POM), TestNg**& apache **POI**
* Enhanced the current Hybrid Framework using Selenium custom functions, for functional and regression automation testing
* Experienced in converting existing **QTP/UFT & VBScript** based automation to Selenium WebDriver Script using **Java, Selenium &TestNg**
* Experienced in developing Data Driven Framework using **HP QTP/UFT, VBScript, Descriptive Programming**DataTable& Excel
* Experienced in using Version Control Tools like **GIT, SVN & GitHub**
* Experienced in Back-End testing to ensure data consistency on front-end by writing and executing **SQL** queries on the relational databases
* Wrote complex **SQL query** by joining multiple tables according business logic for data validation
* Experienced in **Back-End testing** to ensure data consistency on front-end by writing and executing **SQL queries**
* Excellent communication, problem solving skills, coordination, documentation, project planning and interpersonal skills equally capable of working efficiently under pressure, manage multiple projects and cross train sub-ordinates in other Functional areas

**SKILL SET**

**Programming** : Java, VBScript,Gherkin, HTML, XML, XHTML

**Testing Tools** : Selenium WebDriver, HP QTP/UFT, TFS, Firebug, Cucumber, SOAP UI, Ruby

**Test Management Tools** : MTM,HP Quality Center/ALM, Version One, JIRA

**Application** : Microsoft Excel, PowerPoint, Word, MS-DOS, iOS, Android

**Application Servers** : WebLogic, Tomcat, Apache, IIS

**Database** : MySQL, Oracle, MS Access, SQL Server

**Platforms** : Windows95/NT/2000/XP/7, MAC, Mobile, Tablet

**Bug Tracking Tools** : Jira, Quality Centre (QC), Bugzilla & IBM Rational Team Concert(RTC)

**PROFESSIONAL EXPERIENCE**

## Quester, St Paul, MN

## QA Automation Engineer Aug 2014 – Present

**Responsibilities:**

* **Develop Test Plan, Test scenarios, Test cases, Test Scripts** and **Traceability Matrix**.
* Design and execute quality **Test Plans** and **Test Cases** to verify **Reliability**, **Accuracy** and **Compatibility** of application.
* Implemented automation using Selenium Web Driver, Cucumber, and JAVA.
* Interacting with business analysts and developers and participate in risk analysis & gap analysis based on the requirements.
* Developed BDD tests using Cucumber by writing behavior and step definitions & developed required Selenium support code in JAVA for Cucumber.
* Validated application architecture & design as a part of white box testing
* Conducted White box testing including functionality testing, database testing & web service testing
* Analyze business flow of the application as well as review business manuals and requirement document (**BRD**) in order to summarize system-specific business rules and other operating conditions.
* Maintain existing Ruby scripts used in cron-jobs to copy/refresh data over various system
* Actively working with all **Agile** Development and **Scrum** process throughout the entire project.
* Worked extensively with **HP ALM/Quality Center** to organize and manage all phases of the software testing process, including planning tests, executing tests, and tracking defects.
* Experienced in using **Version One** to manage/analyze stories & project wall in Agile Development Environment.
* Developed Selenium Architect and established processes for Automated Testers to work with.
* Used Team Foundation Server (**TFS**) for source control and documented the entire application.
* Imported test script from excel into **MTM**. Involved in executing the **SQL** Queries for **Data Validation, Record Counting and Non Duplication Testing.**
* Execute test cases with **TFS, MTM** and other corporately-supported tools, both licenses and open-sourced, used in the creation of test artifacts, troubleshooting and issue validation.
* Imported test script from excel into **MTM**. Involved in executing the **SQL** Queries for **Data Validation, Record Counting and Non Duplication Testing.**
* Execute test cases with **TFS, MTM** and other corporately-supported tools, both licenses and open-sourced, used in the creation of test artifacts, troubleshooting and issue validation
* Involved in defect tracking and task management using **Version One** for testing and product deliverable.
* Developed BDD tests using Cucumber by writing behavior and step definitions & developed required Selenium support code in JAVA for Cucumber.
* Implemented BDD driven framework where created Junit based test steps from Gherkin using Cucumber
* Participating in **User Acceptance Testing (UAT)**, coordinated and supported the end users during testing session.
* Thoroughly **Cross browser tested** projects to support different browser including IE, Edge, FireFox, Safari and Chrome.
* Experienced in designing customized Data Driven Framework using **Selenium WebDriver, Java, TestNg& apache POI**
* Implemented**Page Object Model (POM)** Design Pattern to reduce code and for better maintenance using Selenium inbuilt page object model concept of **Page Factory**
* Implemented customized Interactive Test Report(Angular JS & Html based) for IRIS Regression & Smoke test suite using **ExtentReports**library & Java.
* Extensively used **Eclipse**& it's different plugins while working in **Java**&**Selenium Web Driver**
* Used **GitHub** as version control &**eGit** as **Eclipse** plugins to work with GitHub repositories
* Implemented BDD driven framework where created **Junit** based test steps from**Gherkin** using **Cucumber.**
* Used IBM Rational Team Concert for version control. Familiar with creating branches, pull requests, merge, pull, push etc.
* Integrated existing **Page Object Model** framework with **Cucumber/Junit** driven testing
* Created custom **Xpath** for identifying **Dynamic Objects** and use them in **Selenium**.
* Assist as needed during unit and **integration** testing.
* Involved in executing the **SQL** Queries for **Data Validation, Record Counting and Non Duplication Testing.**
* Responsible for maintaining existing **QTP/UFT** based test automation script by updating object properties both in Object Repository &**Descriptive Programming** code block and by changing business logic using **VBScript**
* Writing**SQL** queries in order to obtain test reference data, detect data caching issues and ensure data consistency.
* Conducted **Web Service** Testing using SOAP UI as a part of backend testing
* Developed Data Driven test suit to validate **Web Service** for different set of data using **SOAP UI NG Pro**
* Conducting different types of meetings and walkthroughs, discussed the outstanding defects, informed the QA manager with the update test status etc.

***Environment: Microsoft Test Manager(MTM), C#, TFS, Quality Center 11, QTP, .NET, Visual Studio, Soap UI, Selenium, Gherkin, SpecFlow, NUnit, Java, Struts, Spring, Hibernate, AJAX, JSP, Java Script, JQuery, HTML, CSS, log4j, Oracle, SQL, PL/SQL. WCF, Web Services and Win XP Professional.***

## ArcelorMittal, IN

## QA Engineer Mar 2013 – Jun 2014

**Responsibilities**

* Prepared **Test Plans, Test Methodology** and **Test Case, Test Scripts** as per Functional and Business requirement for System/Functional Test Specification.
* Reviewed Project Artifacts, analyzed Requirements, designed the **test plan** and provided **weekly status report** that includes **testing metrics, test logs** and **test summary reports.**Maintained Test Matrix for the latest test results information.
* Worked in **Agile Scrum**Environment by participate in Daily **Agile Scrum** "Stand-up", **Sprint Planning**, **RetrospectiveSessions** and updated the team on status of upcoming User Stories in **Version One**.
* Assisted Manager by providing automation strategies, Selenium/CucumberAutomation.
* Developed, executed test cases and identified defects, entered required information into **ALM Quality Center** related to **Test Cases** and led discussions on problem resolution attending periodic meetings.
* Participated in the automated testing tool vendor selection process. Conduct a Pros & Cons analysis of HP QTP and Selenium.
* Documented Automatedtest setup process and foundation of setting up maven, Jenkins, GitHub, SauceLabs, and HeadLess testing test in Confluence.
* Developed BDD tests using Cucumber by writing behaviors and step definitions.
* Experienced in Using **Version One** to manage/analyze stories & project wall.
* Track & Managed production issues using JIRA.
* Saved remarkable time and cost of testing by automation using Selenium WebDriver, JAVA,Cucumber.
* Wrote, executed test cases also identified defects and entered required information into **ALM Quality Center** related to **Test Cases.**
* Created Data Driven Test by **VS2010** and **MTM**
* Converted existed manual tests into Automated Tests **MTM** and **VS2010**
* Cucumber/Junit driven testing to integrate existing Page Object Model framework
* Experienced in different type of testing technique like **Smoke, GUI, Functional, Regression, System, UAT, black box, end-to-end,** and **system testing**.
* Ensured Product Management and Support by testing**Cross browser** projects to support**FireFox, Safari, Opera** and **Chrome**.
* Customized website **Mobile testing**using Chrome User Agent, **Emulator** (Android Virtual Device for android and xCode for iOS) and in **Real Device** (iPhone, Android Phone, Windows phone different version.
* Developed Automation Engineering solutions for **GUI** and applications that are developed in JEE (Java, Spring, Hibernet) using **Java, Selenium WebDriver, Firebug/Firepath.**
* Converted existing Scripts to **Selenium** script to support multiple browsers using **Java, Selenium WebDriver, and TestNg& Eclipse**.
* Reduced code by initializing **Page Object Model (POM)** Design Pattern utilizing Selenium inbuilt page object model concept of **Page Factory**
* Implemented Regression & Smoke test suite using **ExtentReports**library & Java and customized Interactive Test Report (Angular JS & Html based).
* Proficient in **Eclipse** & it's different plugins working in **Java**&**Selenium Web Driver**
* Used **GitHub** as version control &**eGit** as **Eclipse** plugins for GitHub repositories
* Designed& developed **automation framework** and **Data Driven framework**based on testNgfor the project using **Apache POI**, **Java**, **and Selenium Web Drive**&**TestNg**.
* **Cucumber/Junit** driven testing to integrate existing **Page Object Model** framework.
* Proficient using of **SQL queries** like **select, insert, update, delete** to query & manipulate data.
* Performed the Back-End testing to ensure data consistency on front-end by writing and executing enterprise level complex **SQL** statements on the **Oracle** Database using **Oracle Developer.**
* Wrote **SQL queries** to obtain test reference data, detect data caching issues and ensure data consistency.
* Converted existing **UFT/QTP & VBScript** based automation Framework to Selenium Web Driver &TestNg based framework using Java & Selenium
* Responsible for maintaining existing UFT/QTP based automation framework using **VBScript**&**Descriptive programming**
* Participated in design enhancement reviews and submitted status reports on the progress of the testing effort.
* Analyzed the results and distributed information to the clients and made recommendations to make appropriate decisions regarding the application’s readiness for deployment.
* Created detailed periodic status reports for senior management to keep them posted on the progress of implementation.
* Provided technical guidance, when needed to other members of **Quality Assurance**, Software Engineering to achieve project goal.

***Environment: Microsoft Test Manager(MTM), C#, TFS, Quality Center 11, QTP, .NET, Visual Studio, Soap UI, Selenium, Java, Struts, Spring, Hibernate, AJAX, JSP, Java Script, JQuery, HTML, CSS, Oracle, SQL, PL/SQL. WCF, Web Services and Win XP Professional.***

## MediData Solutions| NY

## QA Analyst Jan 2012 – Dec 2012

**Responsibilities**

* Close interactionwith the development team to discuss and understand the design and testing aspects of the application to design the test plans.
* Ensured requirements of the functional specification documents by preparing **Test Cases**&**Test Plans. Developed Test Plan, Test scenarios, Test cases, Test Scripts** and **Traceability** Matrix.
* Analyzed business flow of the application and reviewed business manuals and requirement document (**BRD**) in order to summarize system-specific business rules and other operating conditions.
* Interacted with business analysts and developers in**Agile** Development and **SCRUM** process throughout the entire project.Implemented **SDLC,** which included requirements, specifications, design, analysis and testing.
* Developed Restful Web Services using Spring Boot and configured Cucumber as testing   
  tool.
* Design and develop automatedtest scripts for Functional, Regression, Sanity, and Integration Testing using Selenium.
* Reviewed Project Artifacts, analyzed Requirements, provided **weeklystatus report** that includes **testing metrics, test logs** and **testsummary reports.**
* Participate in Daily **Agile Scrum** "Stand-up", **Sprint Planning** and **Retrospective Sessions** and update the team on status of upcoming User Stories in **Version One.**
* Used **Quality Center**extensively to organize and manage the**phases of the software testing process, including planning tests, executing tests, and tracking defects**.
* Created automation framework in Selenium WebDriver using behavior driven approach like Jbehave, Cucumber.
* Tested the application **manually (Black box testing)** during the development phase.
* Involved in **Functionality Testing, Smoke Testing, Regression Testing, System Testing, Black Box Testing, Integration Testing, User Acceptance Testing (UAT), Ad-Hoc Testing End-to-End, Black box** and **database testing**.
* Log defects using **Quality Center (ALM)**as well as interacted with the developers to resolve technical issues.
* Cucumber was used for the entire regression testing and functional testing with Selenium as primary tool to the Test Scenarios, Test Cases and Test conditions identified.
* Experienced in Using **Version One** to manage/analyze stories & project wall.
* Entered, maintained and executed test scripts into the test management tool **Quality Center.**
* Involved in executing the **SQL** Queries for **Data Validation.**
* Experienced in **Back-End testing** to ensure data consistency on front-end by writing and executing **SQL queries**.
* Wrote complex **SQL query** by joining multiple tables according business logic for data validation and to obtain test reference data, detect data caching issues and ensure data consistency.
* Involved in the **documentation** of the whole QA process.
* Provided Risk**-Based evaluations** of overall QA deployment and provide **ad hoc** testing as needed to ensure product quality and compliance.
* Guided team to build industry best practices into **QA Test processes** and evaluated quality risk for product releases, changes, and fixes.

***Environment: Quick Test Pro, Oracle, Java, HTML, Windows, UNIX, Manual Testing, JIRA, TFS, HP ALM, Win XP, and Test Director/Excel.***

## HSBC Bangalore, India

## QA Analyst May 2010 – Dec 2011

**Responsibilities**

* Analyzed the user requirements by interacting with developers and business analysts in **agile** approaches and **Scrum.**
* Participated in developing and implementing **test-plans** and **test-cases** built on high-leveled and detailed design.
* Analyzed system requirements and documented entire software testing process accordingly.
* Responsible for weekly status updates showing the progress of the testing effort and open issues to be resolved.
* Cooperated and performed with development group to resolve the difficulties came across in a test execution.
* Coordinated with developers to fix application defects and participated in regular status meetings to state any bugs, problems and risks.
* Ensured **traceability** of test cases back to project requirements and participated in walkthrough of **test cases.**
* Extensively used**Quality Center** to prepare test cases from business requirements as well as Identified and reported defects using **Quality Center** defect tracker.
* Utilization of **Quality Center** from running Test scripts through **Defect** reporting and tracking.
* Performed manual testing for checking **Black box Testing, Functional Testing, Smoke Testing, Usability Testing, User Acceptance Testing** and **Regression** during the phases of the development of the online application.
* Performed **System, Integration, Regression, Failover** and **CompatibilityTesting**.
* Performed **Manual** Testing on mobile optimized site.
* Involved in writing **SQL queries** to perform **Database** testing as well as executed**SQL** commands to verify the database updates

***Environment: Quick Test Pro, Oracle, Java, HTML, Windows, UNIX, Manual Testing, JIRA, TFS, HP ALM, Win XP, and Test Director/Excel.***