**Meghana C**

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**Summary**

Senior Software Test Engineer with 8 years of experience. Involved in all phases of Software Testing Life Cycle (STLC). Expertise in developing Test Plan, Test Scenarios, Test Cases and Automation test scripts using Selenium, TestNG with emphasis on GUI Testing, API Testing, Black Box Testing, Backend Testing of Client Server and Web applications extensively In Health care, n yFinance and Retail domains.

* Experienced in implementing different Test Automation development efforts in Agile and Waterfall development environments.
* Expertise in Software Testing (Manual and Automation) with very good understanding of Test Planning, Test Design, Test Execution and Defect Management (Reporting and Tracking).
* Proficient in Identifying positive & negative test Scenarios from Automation Perspective.
* Solid understanding of Object-Oriented Programming Java concepts
* Skilled in Automation tools such as Selenium WebDriver, Selenium IDE.
* Extensively used Maven as a build management tool to get dependencies plugin and for uniform build system.
* Executed web services testing using SoapUI and POSTMAN tool for SOAP and REST Web services.
* Worked collaboratively with On-Site and Off-Shore resources to ensure entire application is tested, Reported and Tracked Defects.
* Experience in scheduling and running Automation jobs in Jenkins.
* Developed Test Scripts to implement Test Cases, Test Scenarios, features and Step Definitions in Gherkin format for BDD (Behavior Driven Development).
* Proficient in using Quality Center, RALLY, JIRA, HP ALM.
* Worked closely with Developers, Business Analysts and Customer care team members to understand and fix production defects.
* Strong abilities to work in pressure environments, effective problem solving and troubleshooting skills.
* Actively Participated in Defect Triage Meetings and Root Cause Analysis (RCA).
* End-to-End system development lifecycle experience, including designing, developing and implementing test plans, test cases and test processes.
* Proficiency in Smoke Testing, GUI Testing, Functionality Testing, System Testing, Regression Testing and User Acceptance Testing.
* Excellent knowledge of MYSQL. Capable of writing SQL queries for back-end testing.
* Experienced in Functional and Regression testing utilizing manual testing skills.
* Excellent communication skills, strong analytical & logical abilities in Business Analysis and Technical documentation.
* Skilled in creating Requirements Traceability Matrix to ensure comprehensive test coverage of requirements.
* Used Appium to facilitate mobile testing by creating mobile driver class with the required mobile capabilities.

**Skills**

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| Project Methodologies | Agile/Scrum, Waterfall, SDLC, STLC. |
| Testing/Bug Reporting  Tools | Selenium WebDriver, Postman, JIRA, Jenkins, Jmeter. |
| Programming Languages | Java, SQL, Gherkin (BDD). |
| Database Platforms | MYSQL, Oracle, SQL Server. |
| Framework | TestNG, Page Object Model, Cucumber. |
| Operating Systems | Windows, Mac, Linux. |
| Test Build & Integration  Tools | Maven, Jenkins, GIT. |
| MS Office Tools | Outlook, MS Word, MS Excel, MS PowerPoint, MS Access, Office 365 |
| IDE | Eclipse, IntelliJ. |
| Other tools | Quality Center, JIRA, HP ALM |

**Professional Experience**

**Client: Intel, Austin, TX**

**Role:Sr Software Test Engineer Date: Nov 2020 – Till Date**

**Responsibilities:**

* Analyzed the Business Requirements and closely worked with the Business Team to get the clarifications addressed.
* Developed automated tests using Java (Selenium WebDriver) in partnership with developers for continuous regression testing (Jenkins) and reducing manual testing using Selenium, Cucumber, and Maven.
* Executed automated Regression Tests using Jenkins to verify whether modifications made in the application have not caused unintended adverse side effects.
* Developed BDD scripts with Cucumber and wrote step definitions for Gherkin based features.
* Prepared test data to cover various scenarios and wrote SQL queries to verify the database.
* Involved in daily standup meetings and inspection meetings, to verify the status of the testing effort and the project and coordinated with the offshore team on the status.
* Executed System Test Cases/Scenarios in different environments and made sure that user stories are working as expected.
* Performed Cross Browser testing and multiple environment testing using Java, TestNG, multiple browsers and multiple environments.
* Tested Web Services using Postman.
* Performed schema validations and response code validations on Rest API’s.
* Conducted load tests for backend applications with JMeter.
* Involved in preparation of test plan for every product created, updated stories and tasks in JIRA.
* Performed Functional Testing, Black Box Testing, Smoke Testing, and End-to-End Testing.
* Created testing data needed to execute manual and automated test cases.
* Conducted UAT and worked closely with business users to obtain system acceptance.

Environment: Java, HTML, XPath, Windows, Selenium WebDriver, Cucumber, Gherkin, Jmeter, MYSQL Server, Postman, JIRA.

**Client: Bank of New York Mellon, Pittsburgh, PA**

**Role: Software QA Engineer** **Date: Apr 2019 – Sept 2020**

**Description:** BNY Mellon is an investments company. It will provide investment management; investment services and wealth management that help institutions and individuals succeed in markets all over the world.

* Analyzed business requirement documents and functional requirement documents and was involved in all phases of the project lifecycle.
* Ability to analyze web-based application, designed, developed, and maintained test automation framework using Selenium WebDriver, Core JAVA in Intellij IDE.
* Conducted bi-weekly meetings with the project team members to update the testing progress and to escalate any issues.
* Responsible for Backend REST API Testing using Postman.
* Conducted UAT and worked closely with business users to obtain system acceptance.
* Interacted with the Development team and the Environment team in prioritizing the defect list and validating bug fixes.
* Performed Load Testing with JMeter.
* Handled multiple iframes and framesets to switch between/navigate through frames and performed necessary actions on the web elements.
* Produced test plans, executed, and evaluated test cases, and developed automated regression test suites using Selenium WebDriver.
* Prepared the Test Results document which summarized testing activities and results.
* Proficiency in Smoke Testing, GUI Testing, Functionality Testing, System Testing, Regression Testing and User Acceptance Testing.
* Verified the data in database through SQL statements and executed stored procedures and triggers.
* Tested Cross browser testing and parallel testing on Chrome, Firefox and Safari using TestNG and Maven on Selenium grid.
* Conducted GUI validations on menu bars, toolbars, textboxes, radio buttons, checkboxes, drop down lists using Selenium

Environment: Maven, POSTMAN, JIRA, Java, XPath, Windows, Selenium WebDriver, TestNG, JMeter, Java, HTML, MYSQL Server.

**Client: Centene Corporation, St Louis, MO**

**Role: Software Engineer in Test** **Date:** **Mar 2017 – Mar 2019**

**Description:** Centene is committed to helping people live healthier lives by providing access to high -quality healthcare, innovative programs and a wide range of health solutions. This project deals with developing new functionalities to support as a member for Ambetter, Medicaid and Medicare plans.

* Implemented Agile methodology and was involved in STLC to provide high quality software model.
* Developed test cases for each sprint which was suitable for automation testing and reported the test execution status.
* Determined the quality of the software product based on the test execution status.
* Involved in creating and executing the selenium test scripts and analyzed the test results.
* Used Maven to handle dependencies and as a build tool.
* Integrated Automation scripts using Jenkins for continuous integration and ran nightly batch of the script and deployed the code stored in Git in QA environment.
* Worked closely along with development team in software development and test troubleshoot, resolved bugs.
* Co-ordinated with the developers and recorded defects in JIRA to track until they are resolved.
* Performed Back-end testing by executing SQL queries to fetch data from oracle database.
* Developed feature file in Cucumber and developed BDD Tests using Cucumber.
* Performed cross and parallel browser compatibility testing, to ensure the UI and functional behavior of website across different versions of IE, Firefox, Chrome, and Safari is same.

Environment: Agile, Java, Eclipse, Selenium WebDriver, Selenium Grid, Cucumber, Jenkins, Cucumber, Oracle DB, JIRA.

**Client: Metamor Software Solutions, India**

**Role: Software Engineer in Test** **Date: Nov 2014 – Jan 2017**

**Description:** The goal of this project was to develop an online system to facilitate the tracking of various projects and related resources. The system implemented various user levels for the security purposes. Development was mainly done using Servlet for Back-End and JSP for Front-End.

* Analyzed business requirements, Functional Specifications and Use Cases, prepared Test Strategy and Test plan.
* Followed the organization's standard documentation format for developing test plan, test cases, test data, generated test reports.
* Interacted with designers and developers to understand the application functionality and navigational flow.
* Involved in creating and executing the selenium test scripts and analyzed the test results.
* Documented and tracked test scripts, test results and reported test defects using HP Quality Center.
* Worked closely with the Designers and developers to get the immediate resolution to the defects.
* Conducted daily defect review meetings and prepared test results reports.
* Worked closely with the Designers and developers to get the immediate resolution to the defects.
* Worked in Retail-POS environment including customer service, sales management, and inventory management.
* Collaborate with project team resources to understand and prioritize system testing efforts.
* Created testing data needed to execute manual and automated test cases.

Environment: Agile, Java, Eclipse, Selenium WebDriver, Office 365, Selenium Grid, TestNG, Jenkins, Cucumber, MYSQL DB, JIRA., Retail-POS

**Education**

Bachelor of Technology in Computer Science, JNTU