**MOUNIKA GOUNI**

*Senior QA Automation Engineer*

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**Senior QA Analyst with 8 years of experience** in all phases of Software Testing Life Cycle (STLC); Developing Test Strategy, Test Cases, Test Plan and Automation test scripts using **Selenium**. Diversified experience in Automation, Manual testing and Business Analysis methodologies, serving various domains such as **Finance, Insurance, Banking and Healthcare Retail**.

**Professional Experience:**

* Experience in preparing Test strategy, Test plan, Test methodology, Test scenarios, Test summary reports, Test cases and Test documents for both **automated and manual testing** based on User requirements, System requirements and Use case documents.
* Working knowledge with functional testing **Cross Browser Testing** using **Selenium**to check that the web application works as expected in different browsers.
* Expertise in Entire Software Development Life Cycle **(SDLC)** and Software Test Life Cycle **(STLC)** in Agileas well asIterativedevelopment environments.
* Experience in designing**Automation test** framework by following Model, View and Controller approach.
* Generated Test Scripts and validating the scripts using business logic.
* Strong knowledge in implementingWaterfall, V-model and**Agile (Sprint/Scrum) Methodology** by analyzing requirement specifications and responsible for developing Test Objective, strategies, Scope, Test procedures and Test Matrices.
* Experience using Accessing Forms, tables, link, Keyboard Mouse Events, Uploading Fileusing Selenium WebDriver.
* Expertise in **Grouping of Test Cases, Test Methods and Test Suites** for regression and functional testingusing the TestNG annotations likeGroups, Parameter, Data Provider.
* Expertise in different types of testing like **System testing, Smoke testing, Regression testing, JUnit Testing**, **Black box testing, Functional testing, Database testing, GUI testing, Web / UI and (UAT)User Acceptance Testing.**
* Designed and Implemented different automation frameworks like **Keyword Driven Framework, Data Driven Framework, and Hybrid Framework** for number of projects.
* Conversant in developing Test scenarios, Test cases, Test data, Test procedures, Test reports and documenting **Manual and Automation Testing**.
* Strong experience in Client-Server systems using **Object Oriented Concepts** and **Design Patterns.**
* Experienced in using build automation tools such as **Maven** (to manage framework dependency jar files) and **Ant** for automating software build processes.
* Experience in designing **Automation test** framework by following Model, View and Controller approach.
* Experienced in **Web Services** testing using **SOAPUI** tool. Validated request and response XML, SOAP and RESTFUL Web service calls.
* Expertise in working knowledge of **Core Java and Object Oriented Concepts**(Inheritance, Polymorphism, Exception Handling, Multi-Threading and Collections).
* Experienced in using **Apache POI** to read data from external sources to feed locators into the test script.
* Identified correct GUI elements using various Selenium Locators like ID, Name, Link Text, Partial Link Text, XPath, CSS, and DOM in creating **automation scripts**.
* Automated and scheduled Build using continuous integration tool **Jenkins Server** at a particulartime.
* Experience in **Handset Testing, writing Test plans, defining Test cases for various module screens of the application, developing and maintaining Test scripts**, analyzing results and reporting defects.
* Experienced with **SQL** and **OraclePL/SQL**, to run the data integrity tests for backend testing and **JDBC** establish connectivity between the Java Programming language and a wide range of databases.
* Generated test logs using **Log4j** for various log levels.
* Developed Test Scripts to implement Test Cases, Test Scenarios, and features for **BDD (Behavior Driven Development),TDD (Test Driven Development)** using **Cucumber in Gherkins format**.
* Experience in Bug Tracking and Reporting using Test Director/ HP Quality Center.
* Experience with working in **Java-J2EE / .Net** environments.
* Experienced in using Test Management tools such as **Rally, JIRA** bug reporting tools to track test progress, execution and deliverables.
* Experience with projects that utilized web technologies like **XML, HTML, CSS, REST**, and JavaScript and high-level languages such as Java.
* Research-oriented, motivated, proactive, self-starter with strong technical, analytical and interpersonal skills.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Test Approaches** | Waterfall, Agile/Scrum, SDLC, STLC |
| **Testing Tools** | Selenium WebDriver, TestNG, Selenium IDE, Selenium RC, Selenium Grid, JUnit, TestNG, Auto It, Cucumber, SoapUI, QC, QTP, ALM |
| **Test Build & Integration Tools** | Maven, ANT, Jenkins |
| **Frameworks** | Keyword Driven, Data Driven, Hybrid, Page Object Model (POM) |
| **Programming Languages** | HTML5, CSS, JAVA, J2EE, Spring MVC, hibernate, Eclipse Link, SQL, C, C++, XML, JSP |
| **Databases** | MySQL, Oracle, SQL Server |
| **Browsers** | Internet Explorer, Mozilla Firefox, Google Chrome, Safari |
| **Defect Tools** | JIRA, HP Quality Center |
| **MS Office Tools** | Outlook, Word, Excel, PowerPoint, MS Access, Microsoft Project |
| **Utilities** | Eclipse, SVN, Firebug, fire Path. |

**Work Experience:**

**Snaga job**

Glen Allen, VA

**Senior QA Automation Engineer** **November 2014 to present**

**Roles & Responsibilities:**

* Analyzed business requirements and functional documents, created the test strategy document that define the test environment, **phases of testing, entrance and exit criteria** into different phases of testing and resources required to conduct the effort.
* Responsible for working within a team to create, document and **execute testing strategy, test plans, test cases and test scripts** in support of a set of global tools, systems, and **databases**.
* Performed **agile testing**, reviewed the stories and participated in Daily **Scrum**, **Iteration Planning** and Release Planning meeting.
* Performed the build and maven dependencies using **Maven** build tool.
* Experience in working with**Log 4j** and knowledge on behavior driven development with **cucumber**.
* Extensively worked in **Regression testing, Parallel Processing** using **Selenium Web driver** in **TestNG**.
* Developed test scripts for Web elements by identifying the locators using **Firebug** and **Fire Path** Firefox plugins.
* Developed **custom libraries** for automation using **JAVA** & Selenium WebDriver.
* Developed automated test scripts using **TestNG annotations** like Group, parameter, Data provider.
* Involved in test approach & test case walkthrough, review with peers and test leads. The workgroup consists of business system analysts, developers and architects.
* Performed functional and regression testing for mobile application using Devices like Android, iPad and getting logs from mobile devices(**XCode)**
* Experience in creating jobs, SQL Mail Agent, Alerts and schedule SSIS Packages. Experience in transformation data from DB2 to**SQL Server**
* Extensive use of OOP concept like **interface,** inheritance,**overloading, overriding** Generics, process, delegates, **Abstract** and events etc.
* Developed **HTML TestNG reports** for analyzing the output of test using **Extent Reports API**.
* Maintained user documentation with TestNG output **screenshots** for User acceptance testing (**UAT**).
* Developed synchronization using **implicit and explicit wait** conditions.
* Involved in performing **Automation testing(emulators& IOS Simulators**) & Mobile Application Testing using **Appium,** validated the mobile application functionality on virtual device emulators
* Incorporated the test data in Test scripts from **Excel** using **Apache POI API**.
* Developed a **data driven framework** and page object model framework from scratch
* Developed **Back-end testing** using complex queries to retrieve the user information to cross validate in UI and databases.
* Testing of Web Services using web services client generated using **SOAP UI** and track request and response **REST FUI API** Messages.
* Implemented **J2EE Design Pattern**like MVC, Service Locator and Session Façade.
* Maintained the Java and selenium test source code and resources in the **GitHub** source control repository tool.
* Used Agile practices and **TDD** techniques to provide reliable, working software early and often.
* Experience in selenium 2.5 Automation using Selenium Web0 driver, Selenium IDE, **Selenium Grid, Java,** TestNG, POM framework.
* Analyzed test results, tracked the defects and generated reports using **JIRA**.
* Experienced with **SQL** and **oracle PL/SQL** to run the data integrity tests for backend testing and used **JDBC.**
* Maintained continuous test integration and automatic build by using **Jenkins** and mailed the build outputs to the team members.
* Followed **Agile testing methodology**, participated in daily status meetings and testing each deliverables.
* Tested applications in different types of browsers (**cross-browser testing**) and versions, such as **Internet Explorer, Firefox, Google Chrome** to simulate production environment.
* Developed features and test scripts using **BDD** (Behavior driven development) in **Cucumber**.
* Developed Cucumber **html, JSON** test reports for analyzing the test outputs.
* Participated QA weekly meetings and various other meetings and discusses **enhancement and modification** request issues and defects in the application.

**Environment:** Java, Selenium WebDriver, TestNG, Firebug, Fire path, XML, XPATH, DOM, Quality Center, Cucumber, Jira, SVN, Agile, Internet Explorer, Chrome, Firefox, SQL, Jenkins.

Care First

Washington,DC

Sr QA Engineer **Feb 2014 to Oct 2014**

**Responsibilities:**

* Responsible for analyzing business, functional and IT requirement documents and prepare complete Test Plans including system test plan, integration test plan, QA project plans and resource planning and allocation.
* Extensively involved in writing and testing the test cases using **JUnit**.
* Utilized testing tool **JUnit** extensively for the integration testing and unit testing.
* Designed and Developed Test Cases for automated testing using Selenium, **JUNIT** and **Eclipse IDE**.
* Setup and Configured the testing environment with **Eclipse, JUNIT, Selenium RC server** and **Selenium Java client driver.**
* Developed whole application code based on **Test Driven Design (TDD)** paradigm.
* Expertise in Architecture development of Automation**Hybrid Frame work** in QTP, **UFT, Perfecto Mobile**with Selenium **Web drive** and Manual Testing in Development, Testing and production environments.
* Involved in Writing **Maven** build dependencies to automate the compilation and execution of JUNIT test cases/suites.
* Converted all manual test cases into **Selenium automated scripts** using **Java.**
* Wrote and executed automated test cases using **Selenium Web Driver** to automate manual testing solutions.
* Involved in the complete Performance Test Cycle promoting it to the User Acceptance Testing.
* Worked on **Agile/SCRUM** environment.
* Maintained documents, codes and resources in source controls like **SVN** over time for improvements and new features.
* Designed and developed SSIS Packages to import and export data from MS Excel, **SQL Server** and Flat files.
* Used inheritance and method**overriding,overloading**to implement polymorphism
* Stored the flow details of Selenium Automation in a file using **Log4j**.
* Created the Execution result sheet, Execution plan, Completion report documents for Functional testing.
* Presented progress of the testing process at walkthroughs and inspections.
* Worked with Developers, Business analysts and Project managers to determine requirements (H/W specs, Test Cases, Test Data).
* Conducted User Acceptance Test (UAT) with users and customers and wrote issues log based on outcome of **UAT**.
* Wrote **BDD UAT** using **Gherkin** format and implemented the step definitions using **Cucumber.**
* Involved in the daily standup meetings with Sr. Business Analyst and managers and understood various process plans, business process, and functionality in detail.
* Initiated and participated in conference calls, walkthrough and review meetings.

**Environment:** JUnit, Selenium Web Driver, Selenium IDE, Selenium RC, Cucumber, TestNG Eclipse, Oracle, MSWord, MS Excel, Windows, Agile.

Canon USA

Melville NY

QA Engineer **September2012 to December 2013**

**Project Description:**

Canon USA a leader in digital imaging solutions has multiple ranges of online products. Users can buy products online from the Canon USA website. This project involved automation testing of their online website where in Selenium is used as the prime tool.

**Roles/Responsibilities:**

* Closely collaborated with Business analyst and developer inorder to test strategy for Canon online store project.
* Implemented Agile Methodology by analyzing requirement specifications.
* Conducted UI testing, Functional testing, Regression Testing, Acceptance testing and verifying the results with expected results, which should complain with the predefined requirements.
* Used Selenium WebDriver to test web sites and their systematic updates for functionality, usability, regression, performance and browser compatibility.
* Involved in working with JUnit, TestNG and Eclipse.
* Built automated test-suites using WebDriver Java API / Selenium test suites, JUnit and TestNG. Creating test cases and test suits.
* Developed Maven targets to execute automation suites.
* Developed and maintained release acceptance tests using Selenium IDE.
* Using Selenium Screenshots for bug reporting, analysis and exception debugging.
* Wrote complex SQL query by joining multiple tables according business logic for data validation.
* Identify record, track and prioritize defects within the integration and stage environments.
* Worked in continuous integration environment using Jenkins.
* Deployed code stored in GitHub to QA environment via Jenkins.
* Documented defects with high level of detail using Quality Center.
* Performed Web service testing using SOAPUI.
* Manages QA process for release candidate.
* Reports progress to business and development.

**Environment**: Selenium WebDriver, AGILE, Selenium IDE, Java, Eclipse, TestNG, SQL plus*,* Windows, GitHub, Quality Center, JUnit, SOAPUI.

CVS Caremark Corp

Tampa, FL

Senior QA Analyst

Feb 2010- Aug 2012

**Project Description:**

**CVS Caremark Corporation** is an American drug retailing company with a U.S. pharmacy chain. CVS Caremark provides pharmacy services through it’s over 7, 000 CVS Pharmacy and Longs Drugs stores. It’s an online transactional system, enabling a user to fulfill the needs of prescription filling and drug dispensing activities. This system permits distribution of the prescription filling activities, enabling the orders in completing the process in a shorter period of time and support client with testing of web based enrollments and claim extraction for Medicare and Medicaid applications of their customers by performing manual and automation testing of changes to plan features and functionalities.

**Roles/Responsibilities:**

* Involved in various SDLC phases-Requirements Analysis, Test Case Development, **SystemTesting, Regression** and **Conducted End to End and Black box testing**.
* Actively involved in functional, system, integration, positive, negative, **GUI testing of the application**.
* Interacted with developers and business Users to communicate the defects and actively participated in replicating the bugs and **performed regression testing** using **JIRA**.
* Created Test Data using SQL and wrote SQL queries for back-end testing.
* Used /**Data Driven Framework** and extracted data from external Excel files using **Apache POI** and loaded into the variables in the scripted code.
* Configured the Test Cases to receive input Test Data Sets for the corresponding test cases using **TestNG** Data Provider Annotation.
* Prepared Test Cases for functional and UAT testing.
* Performed **BDD (Behavior Driven Development)**, **ATDD (Acceptance Test Driven Development)** using **Cucumber Features**, Scenarios and Step Definitions.
* Used **SoapUI** to test the application web services.
* Used Maven Performed continuous integration of code and scripts using **Jenkins**. Configured and launched builds using Jenkins jobs and analyzed the Test Results from **Jenkins UI**.
* Worked on SQL queries to verify data integrity and validate updated data for the Test cases in different modules of the application.
* Involved in daily **Defect Triage meetings** with Project Managers and developers during **System testing and UAT.**
* Attended multiple sessions with Business Analyst and Solution Architects for understanding the design of the application for new Change Requests.
* Usability testing of the application and workflow involving multiple functional modules.
* Worked with developers to Create and update the defects, resolve and track their status using JIRA.

**Environment:** Selenium Web driver, TestNG, Eclipse, HTML, SoapUI, SVN, Maven, Jenkins, SoapUI, UAT, JIRA

Bajaj Allianz General Insurance Company

Hyderabad,India

QA Analyst

August 2008 to January 2010

**Roles & Responsibilities:**

* Created Automation test framework in **Selenium with Java**.
* Prepared and executed automated test cases in Selenium.
* Involved in Automaton Testing, System Integration Testing, Functional testing, and Regression testing.
* Used **Firebug Tool** to identify the Object's id, Name, XPath, link text in the application.
* Automated Alerts handling, dropdowns, and frames on web browser.
* Automated functionality to read data from external source.
* Added annotations to the test script code.
* Executed tests by using Selenium RC and WebDriver in different browsers like Microsoft IE, Mozilla Firefox, Google Chrome, etc.
* Tested GUI and functionality using VMWare and reported software defects in that area.
* Analyzed the logs for errors and exceptions during test execution.
* Experienced running automation scripts using **TestNG.**
* Generated test reports in **TestNG.**
* Used **ANT, Maven** and Continuous Integration using Jenkins.
* Utilized web developer tools such as Firebug and Chrome Developer Tool to test the calls to the web

services and check if correct data is returned.

* Experience testing **SOAP and REST** Web services.
* Conducted defect review and triage meetings to resolve the defects.
* Interacted with Project Managers, developers, QA Analysts, and business management in reviews and solving the problems encountered in the applications.

**Environment:**JIRA, Selenium WebDriver, Java, TestNG, Windows, MS office 2007, Waterfall/Agile, Eclipse.

**Education:**

* Bachelors in Computer Science from Jawaharlal Nehru Technology University, Hyderabad, India.