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## **RUMANA AFROZ**

### **PROFESSIONAL SUMMARY**

Five plus years of diversified experience in planning, developing manual and automated testing for various projects as an IT professional and extensive knowledge on system and significant exposure to structured object oriented language and database in various industries. Well versed with QA Methodology, business requirement, Test Plan and Test cases as well as executing test cases, debugging, declare defects and follow-up with developer. Implemented Test Automation for a very high quality standards and produced best quality product. Work well under pressure on multiple projects to successfully deliver well-tested application software releases on time using both manual and automated testing methodologies. Work with application developers, project managers and production support to develop manual and automated test cases that validate new and improved functionality.

### **SKILL HIGHLIGHTS**

- Firm knowledge of different phases of Software Testing and Software Development Life Cycle (SDLC) including Agile Methodology, and Waterfall.
- Performed automated testing using Selenium **WebDriver** with **Behavior Driven Development(BDD)** and Behavior Driven Testing with Cucumber JVM to implement Acceptance Test Driven Development (ATDD).
- Brief knowledge with Gherkin Language to develop Behavior Driven Testing.
- Solid experience with Keyword Driven and Data Driven framework implementation.
- Good experience on Selenium Web Driver with **page object model** framework using Java.
- Experience in writing Test Plans, defining Test Cases, developing and maintaining Test scripts, analyzing the results of scripts, interaction with developers in fixing the errors.
- Experience in QA Methodologies with various testing concept including Acceptance Testing, Regression Testing, Integration Testing, End to End Testing, Functional Testing, Unit Testing, Black Box, Gray Box Testing and more.
- Extensive work experience using Bug Tracking Tools like **JIRA**, **Git**, Bit Bucket Confluence and firm skill in Backend Testing using SQL queries on Oracle and SQL Server.
- Solid knowledge to create Automation Test Framework for **IOS** and **Android** Mobile software testing.
- Used **Jenkins** for continuous integration, **Maven** for project building
- Proficient in all phases of Test Life Cycle from test planning to defect tracking and managing defect lifecycle.
- Created automated Test scripts using automated tools and ran the test scripts on various Builds and Instances.
- Ability to work in a team environment or independently.
- Good at multi-tasking and working well under tight deadlines with high efficiency.
- Strong verbal and written communication skills.
- Expertise in analyzing User Requirements, Functional and Technical Specifications.
- Excellent troubleshooting, project management and problem solving skills.
- Brief knowledge with development of core QA framework function library for various Web and Client-Server application.
- Strong experience in cross browser, cross platform web testing with Selenium Web Driver.
- Strong experience with SOA architecture that include **Restful** Web Service Testing.

### **TECHNICAL SKILLS**

Testing Tool:	Selenium <b>WebDriver</b> , <b>Cucumber</b> , <b>Junit</b> , <b>TestNG</b> , SOA (Restful), JVM
Test Management:	<b>TestLink</b>
Defect Management:	<b>JIRA</b>
Programming Language:	<b>Java</b> , HTML
Development IDE:	Eclipse

Database/Database Tools: SQL Server, Oracle, MySQL  
Application: Microsoft office Application, SQL  
Development, Toad Windows 8, Windows 7, Mac OS X, Linux, Dos  
Operating Systems: Windows XP

## **PROFESSIONAL EXPERIENCE**

**BARCLAYS WEALTH**, New York City, NY  
to Jul 2015

**Jul 2014**

### **Automation Test Engineer**

Barclays Wealth and Investment Management offer its clients individualized, boutique service that takes full advantage of Barclays' vast capabilities. Barclays Wealth focus exclusively on a high net worth clientele whose complex and discerning financial needs require highly individualized service, as well as unfettered access to all the sophisticated capabilities of Barclays.

#### **Responsibilities & Accomplishments**

- Created Test Plans and Test Strategy which describes the features and functions to be tested.
- Implement quality software best practices to develop test strategy, test plan, test data, test case and test automation and actively participates in process improvements.
- Introduce and implement automation testing framework to the organization.
- Introduce and implement open source web test tool Selenium and WebDriver for cross browser testing.
- Build Automated test suite to increase the automation coverage for regression test cycle.
- Responsible for ensuring the conceptual integrity of the system, ensuring that the product and product architecture meet or exceed the technical requirements defined.
- Implement wide range of functional testing by various QA Automation Test Framework like Key Word Driven, Data Driven and Behavior Driven Testing concept to ensure the code reusability and code maintainability, which reduces the script development time.
- Implement cross browser and cross platform testing with Selenium **WebDriver** and **Cucumber JVM**.
- Develop and implement robust MVC Pattern based Keyword Driven, Selenium **Page Object Model framework** with Selenium WebDriver using Object Oriented Programming Java and open source unit test framework TestNG which cut down the script development time in half.
- Develop IOS and Android Automation Testing Framework.
- Strong background in **coding** for automation.
- Develop **Restful Web Service** testing framework to build robust and scalable web service testing.
- Created detailed periodic status reports for senior management to keep them posted on the progress of implementation.
- Worked directly with Business users performing User Acceptance Testing (UAT).

**Environment:** Selenium WebDriver, Java, **TestNG**, JSP, JSF, SOA (Restful Web Service), HTML, MySQL

**GILT GROUPE INC.** (Gilt.com), New York City, NY  
Jun 2014

**Apr 2011 to**

### **Automation Test Engineer**

Gilt.com provides instant insider access to today's top designer labels, at up to 60% off retail. Member finds something new every day for women, men, and kids and home as well as exclusive local services and experiences, and one-of-a-kind travel packages.

#### **Responsibilities & Accomplishments**

- Responsible for Planning, creating and analysis of Test Plan, Test cases and Test Scripts.
- Developed and implemented Keyword Driven automation testing with Selenium Page Object Model.

- Analyzed Technical specification, Business Requirements and Database Schema to develop test cases.
- Developed QA Automation Test Framework to ensure the code re-analysis to derive requirements for existing systems enhancements.

- Used detailed knowledge of application features and functions assess scope and impact of business needs throughout analysis and completion of all enhancement specifications.
- Used Selenium **Webdriver** API to automate browser, **Java** as a scripting language, **Junit** for testing framework, **Maven** for building project and Jenkins for CI tools.
- Participated in requirements walkthroughs with users to better understand requirements.
- Performed backend testing using SQL queries to retrieve and verify information in the database.
- Developed Web Service Test **with Restful Web Service** to test SOA platform.
- Corresponded among QA Managers, Developers and Team Members.

**Environment:** Selenium Webdriver, Java, J2EE, Servlet, JSP, SOA, Restful Web Service, HTML, and Oracle

**MEDIAOCEAN.COM**, Atlanta, GA  
**Mar 2011**

**Jul 2009 to**

#### **QA Automation Test Engineer**

Mediaocean is the leading software platform for the advertising world. Its traditional and digital media platforms enable agencies and brands to manage and coordinate the entire advertising workflow, globally-from planning and buying, to analyzing and optimizing, to invoicing and payments. Media ocean is open platform Connect integrates media suppliers, data providers, ad servers and third-party technologies-allowing agencies to build optimal solutions for business and operations by integrating multiple solutions into a central hub, Media ocean helps agencies create a common framework, define standards, unify cross-channel data, and build opportunities that drive continued success.

#### **Responsibilities & Accomplishments**

- Developed the Test Automation Framework using Hybrid Keyword driven framework.
- Performed Manual and Functional testing to test the functionality of the complex application.
- Attended meetings in regards to Business Implementation and Department Status.
- Performed functional decomposition of requirements for developing test cases.
- Generated Test cases and traced them to the relevant use cases.
- Worked with Users and Business Analysts to define and design test scenarios and test data.
- Ensured that testing activities allow applications to meet business requirements and systems goals, fulfill end-user requirements, and identify existing or potential issues.
- Used Selenium IDE for record and playback but switched to Selenium RC using Java language
- Worked with the QA Manager in developing Responsibility Matrix for the Team Members periodically.
- Wrote SQL queries to test Data Integrity, Referential Integrity and performed Database Testing for the Application.

**Environment:** Selenium, Java, HTML, CSS, Java script, SQL Server

#### **EDUCATION**

- Master of Business Administration : Prime University, Bangladesh.2008
- Master of Science : National University, Bangladesh.2005

**WORK STATUS**

US Citizen

**REFERENCES**

Available upon request.