**SABITHA**

**QA-Software Engineer in Test (SET)**

**507 405 4046 sabithat35@gmail.com**

**Professional Summary:**

* Over **5+years** of IT Experience in testing **Web Applications, Desktop Applications** (Java, .Net based applications), **Mobile Applications Testing** (Web and SMS), Web services, Message testing, Client-Server applications, ETL Data warehouse& Database data testing for various **client domains** like Insurance, Banking/financial, healthcare, and android application testing.
* Good exposure of all phases of the **Software testing life Cycle (STLC)** and **SDLC (Software development life cycle)** processes (**Agile and Waterfall**)**,** test plan, data preparation, test strategy identification, Test Traceability Matrix.
* Specialized in preparing and executing software test Plans, test cases, testing and implementation of both **Manual** and **Automation** of test cases for various systems using Mercury Tools, **Quality Center (QC)**, **JIRA** and Test Director Quick Test Pro.
* Good Experience in **Scrum, Kanban and Scrum-ban agile methodologies**. Worked on different automation framework**s Keyword Driven framework, Data driven framework** and **Hybrid framework. UAT** using Automated Testing tools like Selenium, QTP and Load Runner.
* Good experience in data sources, data profiling, data validation, developing low level design patterns based on the business and functional requirements and also in database testing with **SQL** queries to verify data integrity using **QTP**.
* Experience in developing **Selenium** scripts using **C#** and **Java and** in **Test Script Language/ VB Script** for custom code development for test scripts, and executing test scripts for multiple data sets using **data driven test/Data Pools**.
* Experience in Automating Web application using **Selenium IDE, Selenium WebDriver,** Java scripting, **Selenium Grid** to run parallel tests, **API Web Services** testing using **SoapUI/Postman** tool.
* Specialization in **Object Oriented Programming (OOP**) **Java Application Development**, Internet /Intranet based multi-tier Applications, web designing, hosting and administering servers.
* Proven ability in **writing JUNIT** for automating the test cases and regression testing using Selenium, Test case automation using **JUNIT, TestNG.**
* Professional experience in **GUI, Business Testing, Functionality Testing, Manual testing, Sanity Testing, Smoke Testing, End to End Testing, Black box Testing, System testing, including integration, Validation and Project Management Performance, Stress, Load** and **Regression Testing** of Web and Client/Server based application and Ability to identify, define, log, track and retest defects, Ability to evaluate and analyze defects for source/root cause and provide sound analysis reporting for defect resolution.
* Extensive experience in writing **SQL** to validate the database systems and for **backend** database testing. And thorough knowledge of multiple **RDBMS** (Oracle, SQL Server, DB2, MS Access) &**ODBC** concepts. Ability to test backend applications by writing SQL.
* Having good knowledge on **Microsoft Test Manager (MTM).**
* Performed **API Testing** and use SQL Studio using SQL queries to validate data in Database.
* Hands on experience in all phases of **STLC including Testing, Defect tracking.**
* Also used **VSTS** (Visual Studio Team Services), **TFS, GIT**.
* Using **Quality Center/JIRA** extensively for Establishing Traceability to Requirements, Test Cases, Bug tracking and **Reporting** (several Business Objects Reports-**Crystal reports** and QE Dashboards to validate the reports and defect tracking software as **JIRA**).
* Quick learner and excellent team player, ability to meet tight deadlines, Ability to interact with all levels of personnel from technical to high level executive management. Excellent analytical, interpersonal, communication & writing skills.

**Technical Skills:**

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| OS | Android, Windows, Unix, Linux and Macintosh |
| Languages | C#, Java, SQL, PL/SQL, C, C++ and VC++ |
| Database | Oracle, MS-SQL Server, MySQL, Hadoop |
| Web/Component Technologies | Java Script, Groovy script, VBScript, Shell scripts HTML, XHTML and XML |
| Others | API and UI Automation Testing, Manual Testing, Performance Testing |
| Testing Tools | Selenium, QTP, Cucumber, SoapUI, REST, Postman, VSTS 2015, TestNG |
| Defect Tracking | HP (ALM) QC (Quality Center), JIRA, TFS. |
| Version Controls | GIT, TFS, VSS |
| Methodologies | Agile/Scrum, Waterfall |
| Packages | MS-Office, Open Office, MS-outlook, MS-Access. |

**Education:**

* Master of Science in Computer Science **- MSCS** ( Dec -2015)

Northwestern Polytechnic University, Fremont, C.A, U.S.A

**Professional Experience:**

**Barclays- Henderson, Nevada.**

**Project: CCD-Cornflower**

**QA-Software Engineer in Test (SET) Feb 18 – Till date**

**Description**:

Barclays Service LLC is a technology service provider to several Retail, Airline and Loyalty service companies, which is an integral part of Barclays Capital Group.

Each Technology Group is divided into a transaction cycle (Fraud, Collections, Customer care, Credit ops, Contact Center, Cards, etc.). Contact Center Transaction Cycle (CCTC) takes care of the Agent Desktop(Contact Centre Desktop(CCD)), Phone Module and other Agent related UI Modules which used by the agent to serve the customer when the customer interacts with the agent. CCTC is currently working on the project named Cornflower. This project is to rewrite the current Aged Agent Desktop which Desktop Application to a Web-based module designed and developed .These modules can be also used by the customers when deployed on to the Customer Website.

**Responsibilities:**

* Collaborate with Scrum Masters, Product Managers, Business Analysts, Developers, and business SME’s to review and validate requirements using **Agile Scrum Methodology for development and quality test process**.
* **Demonstrating** passed test scenarios after every Sprint –Agile/scrum team to the business, stake holders and Development teams. And elaborating challenges, Pros and cons and what are all the issues faced by our team.
* Having hands on experience on complete application and tools which are internal in Barclays - CCD (Contact Center Desktop), Credit Line increase (CLI), Contact centre Desktop Admin tool (CCDA).And complete **functional and End to End Testing** based on business requirements.
* Perform Functional Testing for the newly implemented toggles ,Negative testing, Regression testing, Sanity testing, IVR- call Transfer Testing with VOIP Phones-CCD(Contact Centre Desktop-includes Departments/Desktops –Care ,Credit Operations, Investigations, Portfolio Credit Unit And Collections) –Barclays Project
* Perform Production Support to find root cause while facing issues and supporting in Testing.
* Creating **test data** manually –Test Accounts, these test account can be used in all the Testing faces.
* Perform **Functional testing, Smoke testing, sanity testing** based on Test scenarios and Business Requirements.
* Establishing quality assurance standards and best practices for **test automation.**
* Involved in technical implementation of automation test development on multiple concurrent projects.
* Use **Selenium/Ranorex framework** to check the functionality of written services and Generate Test reports.
* Use Selenium web driver, fire bug and Xpath for the UI Automation to test the web application.
* Develop **test plans** and procedures based on business requirements and design documents to ensure the application’s quality.
* Developing supporting structures for all test automation including mocks.
* Automated the Test cases using **Cucumber** scripting with selenium in Maven Build tool
* Involved in developing **contract tests** between servers and services with **Karate frame** for the **API automation testing.**
* Verifying requests and responses for the service calls with the **SoapUI / REST.**
* **Automating test data** management.
* Perform **GUI testing, manual testing- functional testing, End to End testing, negative testing, Staging testing, Regression Testing and compatibility testing using (Selenium/Ranorex).**
* Use **JIRA/HP ALM-QC/Rally** to write stories, Test cases in **Gherkins Language**, report issues and track progress. Deliver regular updates to Product team and management team.
* Perform back end testing using **SQL queries** and verify the integrity of **SQL database**, And using Queries in **Hadoop Data base** to pull up required Data while in T36 Letters –Barclays Project.

**Environment:** Manual Testing, API Testing, Selenium Web Driver, Firebug, Xpath, HTML, Quality Center-HP ALM, Rally, SQL, Jenkins, GIT, windows 7, chrome browser, IntelliJ IDEA ,Visual Studio 2015, JDK 1.8, Java script, C#, SoapUI, REST APIs, Share Point

**Mayo Clinic - Rochester, Minnesota.**

**Project: Enterprise API (Patient, ESB) services**

**API -QA Tester (Operations) Sep 16 – Jan 18**

**Description**:

Enterprise API (Patient, ESB) Services is a part of Platform Services and they service common needs for clinical data across the Mayo Clinic and to provide assistance and standard guidelines for those who need to develop application specific web services.

These services will increase the efficiency of customers by providing a centralized set of clinical web services, domain expertise and enterprise architecture for Mayo Clinic electronic clinical data. **Responsibilities:**

* Interacted with Business and development teams for **requirements**/user stories and Test scenarios reviews.
* Developed test cases and test scripts using **C#** for Customer portal account based on User stories.
* Extensively used Selenium (XPath, CSS locators) to test the **Web application**.
* Involved in Functionality, User Interface, and Regression testing during the various phases of development using **Selenium WebDriver and TestNG.**
* Used Selenium to develop automation test scripts for system’s core functionality and **GUI’**s of the application.
* Designed and developed automation framework using **c#** for new services (Used Data driven framework to read data from Excel).Modified and maintained test scripts as per new changes.
* Developed Test scenarios **for Integration and regression testi**ng across system releases.
* Execute automated the **Smoke** and Functional test cases using **Selenium Web driver, (Hybrid Framework) – Behavioral Driven Development (BDD).**
* Used **Selenium Grid** to run the **parallel testing**.
* Developed Selenium based automated **API testing** using Page object model, data driven and TestNG.
* Tested Web Services: i.e. validated Request and Response times, **SOAP** Calls, Managed API testing through **SoapUI** and **Postman** using **XML, WSDL** and **SOAP** standards.
* Responsible to verify Web services **API request**, response data validations in **RESTful** calls and **WSDL using SoapUI tool.**
* Conducted walk through for test plan to make sure we have covered all the business rules.
* Participate in project design discussions.
* Analyze the logs for errors and exceptions during test execution, Report issues in **Team Foundation Server.**
* Performed **Regression testing, Functional testing, User Acceptance testing and Integration testing, System Testing, User Acceptance Testing**
* **Infrastructure Testing** Services which involve checking the availability of the environments before the application or firewall changes are deployed.
* Involved in backend testing (Data Validation Testing) by writing SQL queries.
* Thoroughly tested application along with bug reporting and tracking till bug closure.
* Followed a change control process for managing changes as and when they occur during the project life cycle.
* Used **Agile Methodology**, participated in daily **SCRUM** meetings for achieving **SPRINT** plan milestones and gave the daily status of testing.
* Generated test execution/defects reports from **Quality Center** and participated in weekly/daily test execution status review meetings.

**Environment:** Selenium Web Driver, Manual Testing, API Testing, Firebug, Xpath, HTML, Maven, Quality Center, SQL, Jenkins, JUNIT, Gherkins Windows, UNIX, TestNG, Apache POI, Visual Studio2015, C#, SoapUI, Postman, REST APIs, Share Point

**Humana Inc- De Pere, Wisconsin.**

**-Humana Health Insurance**

**QA -Automation Tester Feb 16 – Jul 16**

**Responsibilities:**

* Functional test case planning and test case creation using **HP ALM Quality Center.**
* Good working knowledge of **Service Oriented Architecture**.
* Tested **Business Objects Reports** to validate the reports, the data and cosmetics of the report.
* Performed the **API Web Services** testing using **SoapUI/Postman** tool.
* Performed the **XML** validation against **XSD**.
* Performed the Integration Testing to verify the payload is sent and received correctly between the downstream and upstream applications.
* Performed Security testing, Validated various security certificates by installing the certificates in the different browsers.
* Developed **SQL Scripts** to prepare test data execution for **Load Runner** scripts
* Verified the certificate authentication in the **LDAP** (Lightweight Directory Access Protocol) server configuration for each certificate to meet the privileges during the client login.
* Did extensive backend test use **SQL** query in the **Oracle DB**.
* Developed **API automation Scripts** using **SOA Test.**
* Expertise in testing **APIs,** Web Services **(RESTful and SOAP)** in SOA, Databases and Web UI.
* Extensively involved in **JSON, xml, REST** and **web services** testing
* Worked with **DB Fit** to manipulate database objects in a relational tabular form, database testing and management.
* Managed and executed the test process, using **Agile** Methodology.
* Prepared Test Data and performed **Positive** and **Negative** testing.
* Manually performed Functional testing, System testing, **Regression testing**, and **Smoke testing**.
* Identified the defects and logged in the in **HP Quality Center** Defect Module and for tracking.
* Performed **Regression testing** when changes such as enhancements, patches and defects have been fixed.
* Participated as a key member with the Testing Team for Regression testing where day-to-day bugs were monitored, retested closed reported to the lead.
* Involved in testing **HIPAA** Database, which incorporates all the HIPAA (Health Insurance Portability and Accountability Act) transaction sets, value fields and definitions.
* Extensively worked on **UFT** for functional testing and regression testing of the application.
* Interacted with developers to review the defects throughout the defect lifecycle from defect report to defect closures.
* Daily and Weekly Status reports were updates to the Test Lead, Test Groups and Test Managers to co-ordinate test cycles.

**Environment:** QTP 10.0 SQL, Manual Testing, API, PL/SQL, XML, XSD, XSLT, C#, Linux, HP ALM 11.0, DB FIT, Black Box testing, Agile, SoapUI, REST client ,Postman, XMLSPY, TOAD 10.6, ORACLE 11 g, Business Objects 3.1, Visio, Azure, UFT, python, C#, JIRA.

**HDB Financial Services (HDBFS) - INDIA QA Tester/Analyst Apr 12 – Jan 14**

**Responsibilities:**

* Actively involved in **QA** activities and development support of various interfaces like involvement in writing Test Plans/Test Cases for System /Interface Requirements and Business requirements.
* Reviewed functional and non-functional system requirements and constructed a conceptual design and detailed designs that align processes and technologies to achieve business objectives.
* Perform Manual –Functional testing and creating test cases based on test scenarios and executing them using QC.
* Developed test scripts to automate process of testing in **Selenium WebDriver**.
* Developed and maintained automated regression test cases in **Selenium WebDriver** using **Java programming language.**
* Extensively used **Selenium** (data-driven, XPath locator) and Web Driver to test the web application.
* Responsible for implementation of Hybrid **Test Automation Framework** build using Selenium, TestNG and Maven technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Extensively used **Selenium IDE** to record, playback and debug individual test cases, using Selenium Web Driver provided more flexibility in automating test cases.
* Performed cross browser functional testing using **Selenium WebDriver.**
* Created Selenium/java tests for advertising regression testing and production monitoring purposes.
* Exported Test Case Scripts in **Eclipse IDE** and modified the selenium scripts and executed.
* Run tests by using Selenium remote control in different browsers.
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers like Internet Explorer and Mozilla Fire Fox on different Operating Systems (validation).
* Performed usability, **GUI, Functionality and regression testing** of the new builds.
* Execute stress/load scripts utilizing JMeter to determine real-world scalability of web sites and web applications.
* Helped in **performance testing for API** using JMeter, by writing and running the performance test, collect data, and generate reports.
* Extracted the Business Requirements from the end users keeping in mind their need for the application and prepared **Business Requirement Documents (BRD).**
* Analyzing and reviewing the project requirements.
* Participated in User story discussion and requirement grooming.
* Participated in sprint planning and review meetings.
* Collaborated with BA, development team and product owners.
* Define and execute **functional, usability, regression and automation tests** on the application.
* Participate in team review of requirements documentation for purposes of test planning and to validate requirements testability - define test environment requirements.
* Identify testing tasks and associated estimates, proper implementation and utilization of various tools, including issue tracking, test case definition tracking and test case execution.
* Implement and develop overall test strategy and test plan for manual and automated testing.
* Performed **Smoke Testing** of the Application on Pre-production and production Environment.
* Coordinate and facilitate Test Readiness Reviews.
* Coordinating with the developers for resolution of defects, coordination.
* Helped in writing business scenarios for **E2E testing** and providing test data for User Acceptance Testing.
* Actively involved with scrum and sprint meetings, managing product backlog, removing obstacles to progress, re-allocating resources where necessary, prioritizing and review milestones and accomplishments.

**Environment:** Selenium (IDE, JUNIT, Web driver), Manual Testing, Java, Python, Eclipse IDE, TestNG, Agile, Scrum, JIRA, HP ALM Quality Centre, HTML/XML, Unix/Linux.