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**SUMMARY**

* Over **7** years of QA experience in **Manual/Automation testing of Web/Mobile apps and client** with specializing in **Software Quality Assurance Testing, QA Automation Engineer** proficient in testing on **Client/Server** and **Web based and Mobile Applications.**
* Extended experience in systems testing**, integration testing, UAT testing, positive and negative, functionality testing, and regression testing.**
* Experience in all phases of **Software Testing Life Cycle (STLC), Software Development Life Cycle (SDLC), Bug life Cycle** and Methods like **Waterfall and Agile**.
* Expert in developing Java Selenium **Web Driver/RC/IDE/GR**
* **ID** test scripts using **Java, JavaScript** and Test Frameworks using Testing**/ Junit, ANT/MAVEN** build tools**.**
* Hands on experience in **Test automation** using different Automation tools/techniques, **Unit testing** by using **Selenium Web Driver/IDE/GRID, TestNG, Maven, Fire Path**, Running scripts, **Debugging scripts** in different environment, Extracting Test results, **Cross browser testing**, and **data validation**.
* Experienced with **SOA, Web Services, SOAP, Soap UI, RESTFUL, WSDL** technologies.
* Involved in **SOA** testing includes developing test scripts in manual and automated testing environments, logging and recording test results, developing test scenarios, identifying and analyzing test errors, and maintaining test scripts.
* Experienced in **White Box testing** by authoring **python Codes in Selenium** Web Driver**.**
* Involved in **functional testing, black box testing, negative testing, compatibility testing, and recovery testing.**
* Created and Maintained Server side Integration Test using **Python** and Selenium Web driver.
* Experience in testing native apps **on iPhone, Android and iPod** devices manually.
* Used **Ranorex tool** for testing current and early **Android** applications.
* Experienced in using HP Interactive automated testing tools like **Quick Test Pro** and **Quality Center**
* **Experience in working with embedded application testing.**
* **Proficient in using Quality Center, Rally, JIRA, Clear Quest**, **Bugzilla**.
* Experience in **Back-end testing**, data validation, **Database testing using SQL queries.**
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using **Quality Center, JIRA, IBM Clear Quest, BugZilla.**
* Executed automation test scripts using windows and **Linux** platforms for MFP products.
* Used open source environment in **Linux** and **UNIX** Platform Web application testing.
* Experience in writing and executing **SQL queries** to perform **Data Validation** and Back end testing of databases to check the integrity of data.
* Experienced in using C# programming language for writing test scripts using Ranorex and Selenium.
* Hands on experience in **medical** domain as well Worked with providers and Medicare or Medicaid entities to validate Internet portals.
* Experience in mobile testing using Appium.
* Proactively identifying areas of obstruction/breakdowns and take steps to rectify the equipments through application of troubleshooting tools in **Electrical** domain.
* Experience understanding the code written in different programming languages **VB Script, Java Script** and **databases** like **Oracle**, **SQL** Server.
* Experience in **HealthCareindustry**, experienced in testing different healthcare ERP solutions such as FACETS, MedPlus, EPIC and other claim processing solutions.

**TECHNICAL SKILLS:**

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| **Testing Tools** | **Selenium Web Driver/IDE/GRID**, Mercury QTP, SME, HP Quality Center, JUnit, **Cucumber**, **Ranorex**, ARM Processor, Log4j, **Firebug, FirePath, TestNG, JXL, SOAPUI, Coded UI, LoadRunner** |
| **Language/ Script** | **Java, JavaScript,** AJAX, Shell Script, VBScript(UFT),C, C#, Python |
| **Frameworks** | Junit, TestNG, TDD |
| **Firefox Add-ons** | XPath, Firebug |
| **Web development** | HTML, VB Scripts, XML, CSS, Flash, PHP, JavaScript, Ruby, Perl, Python. |
| **SOA Technologies** | **SOAP, REST, WSDL, UDDI, Web Services, SOAP UI** |
| **BugTracking Tools** | HP Quality Center, BugZilla, Visual Studio TFS, JIRA |
| **Build/ CI Tools** | **Ant, Maven, Jenkin, Jenkins**, Hudson, GIT, SVN |
| **Databases Technologies** | MS SQL Server 2000/2005,OLAP and OLTP, Oracle 9i/10g, MS Access 2000, TSQL, Oracle PL/SQL, SQL\*Plus, TOAD, SQL\*Plus, SQL\*Loader, MYSQL, MongoDB |
| **Platforms** | Windows 7/Vista/XP, UNIX, Linux |

**PROFESSIONAL EXPERIENCE:**

**Client: Walmart, Bentonville, AR Oct 2015 – Till Date**

**Role: QA Test Engineer**

**Description:**

Provides customer service, including anticipating customer needs, suggesting alternatives and problem solving, and is able to satisfy those needs with a minimum amount of supervision.

**Responsibilities:**

* Involved in developing automated test scripts using **Egg Plant** which is an image bases tool.
* Integration of POS systems involves numerous interconnected systems and third-party elements.
* Performed Data Analysis and developed Data Mapping documents for Reporting projects by using several data analysis software.
* Rapid technological advancements necessitate frequent hardware and software upgrades, leading to the proliferation of infrastructure.
* Used **HP ALM** to maintain track of Manual test cases which are being automated based on sprint plan.
* Reviewed various test cases developed by other team members as part of peer review and Analyzed the **Business** and **Functional** Requirement Documents.
* Maintained and updated reports on results of quality tests.
* Used Putty to maintain controllers of the respective POS system being used for testing.

**Environment**: Java**, Egg Plant, TestNG, HP ALM, Jenkins,** SOUPUI, TDD**, Agile, TFS, POS, Web Services (SOAP & RESTFUL), SQL**, PLSQL, Putty, Win SCP, SQL Navigator, Oracle, Windows.

**Client: Modus Create, Reston, VA May 2014 – Sept 2015**

**Role: QA Engineer**

**Description:**

Builds software-as-a-service products and offers consulting in the areas of corporate innovation, product strategy, and IT planning.

**Responsibilities:**

* Extensively involved in all stages of testing life cycle, **Test Driven Development methodologies,** Software Development Life cycle (SDLC) using Waterfall, Agile methodologies.
* Developed test code in Java language using **Eclipse, IDE** and **TestNG** framework.
* Developed **Groovy scripts** to test Report application output and used **Groovy** Script to customize test.
* Configured **Selenium Web Driver, TestNG, Maven tool** and created **selenium automation scripts** in java using **TestNG**prior to agile release.
* Involved in **Mobile Testing** includes App Testing on Android. Test automation for web application using **Cucumber.**
* Used Oracle Applications like **RPM**, RDF for Expanding portfolio in and across different states.
* Performed **Data Analysis** and developed Data Mapping documents for Reporting projects by using several **data analysis software’s**.
* Wrote VBScripts for **BlackBox** and **WhiteBox** Testing.
* Enhanced **JDE** application depending on user request and pull the data from User defined format and update **JDE** files. Developed a batch application to pull the data from Excel and update JDE files.
* Responsible for estimating required resource and components for **SOA** testing.
* Partner with IT partners external to the Clarity **PPM** application development team to coordinate integration testing with external systems.
* Launched the ISO **PPM** activity in the suppliers end to upgrade their quality performance.
* Involved in Designing & developing data driven framework using **Selenium Web Driver, Testing** and implemented Java Mail to send the regression result automatically.
* Worked on **Selenium** GUI Object / element verification is done through **XPath**, **CSSLocators.**
* Used **TestNG** Annotations in Selenium Web Driver and executed a batch of tests as testing suite.
* Involved in validating functional, Integration and Regression test suites using **Selenium, Cucumber** and the request and response of the Web Services (SOA) through **SOAPUI**.
* Used **Groovy Script** for SQL connection to database.
* Used **Firebug** to do web based testing with selenium for the commands and locator application.
* Developed an extensive test suite and performed tests in local environments using **CodedUI**
* Involved in web and windows projects, with both C# and VB.NET using **CodedUI** automation tool.
* Automated desktop applications using **Ranorex in C#**. Creating reports using Ranorex UI tool by taking screenshots.
* Used **SOAP UI tool** to test SOA based architecture application to test **SOAP services** and **REST API.**
* Used GIT and SVN for repository and version control. To support merge of multiple branches.
* Involved in Web Services Testing using **SOAPUI** with **REST** to create and execute automated **functional**, **regression**, compliance, and load tests.
* Extensively used **iTKO LISA** and **SOAP UI** for functional testing of **web services.**
* Involved in executing **SQL queries** and **PL/SQL procedures**, **functions** and **packages** for backend testing.

**Environment**: Java**,** Selenium WebDriver**, TestNG, Maven, Python, Jenkins,** SOUPUI, TDD**, Agile,** C#, HTML, XML, .NET, XPath, **Ranorex**, **Rally, SME, GIT, SVN, Visual Studio, Web Services (SOAP & RESTFUL) JavaScript, AJAX, LoadRunner, Quality Centre, Firebug, SQL**, PLSQL, Putty, Win SCP, SQL Navigator, Oracle, UNIX, Windows.

**Client: 3S Business Corporation, Houston, TX Feb2013 - Apr2014**

**Role: QA Automation Engineer**

**Description:**

Provides software and consulting services to help clients plan, implement, and maintain their technology investments.

**Responsibilities:**

* Responsible for periodic updating of Test Plans and Test Cases as per Requirement Specifications and Business rules.
* Developed automated scripts using **Selenium Web Driver and** Implemented Frame work using **Java.**
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application’s GUI and in the testing environment using **Selenium Web Driver.**
* Provided best practices in Automation testing in **CodedUI**.
* Involved in automation test suites for testing mobile application using **SOAPUI**. This also included webservices using **REST API.**
* Involved in Automation of the test cases using **Selenium Web Driver, Junit and Ant.**
* Create **Junit HTML test report** for the entire test suite.
* Created **Automated Regression** test scripts using **iTKO LISA.**
* Developed Java based library to read test data from **XML** & Properties files using **Junit** and **Selenium.**
* Performed automated testing on mobile devices using appium and also used Ranorex tool for testing current and early **Android** applications.
* Configured **ANT builds scripts** to run tests, develops reports and sends notifications.
* Used C# as major programming language with test scripting using Ranorex.
* Automated test cases using Ranorex to elaborate data driven tests, excluding XML data format by means of this tool.
* Used **Selenium RC** for testing different browser, **Selenium Grid** for checking instance of server and **Selenium IDE** for record and playback.
* Performed Regression testing on new builds, every modification in the application using Selenium RC.
* Performed **regression** testing using QC by modifying and documenting the existing scripts.
* Performed back-end testing using SQL queries to validate the data in the back-end SQL Server
* Status reporting and test updating in **Quality Center**.
* Executed automated testing in **QC** to test the front-end functionality of the application.
* Used HP **Quality Center** for viewing and analyzing test results and also for defect tracking and reporting which occurred during execution of test scripts.
* Developed automation test scripts for client -server and web based applications using **Python**, Silk and other automation tools.
* Automated test cases using **Ranorex** to elaborate data-driven tests, excluding XML data format, by means of this tool. Created detailed reports with screenshots using Ranorex UI tool.
* Worked on **POS QA Testing** was involved in setting of QA Test environment with simulated **POS** test environment. Evaluated and interpreted **POS** requirements created by external vendors.
* Wrote **SQL** queries for validating the data mapping and data integrity.
* Involved in status reporting, project meetings and project planning with the team.

**Environment: Selenium Web Driver, Eclipse, JAVA, C, JUnit, JIRA**, **APPIUM**, C#, Ranorex, Rally, Oracle 10g, SQL,SQL Navigator ,GIT, SOAP UI, Web Services(SOAP & REST FUL) JIRA, Visual Studio, Bugzilla, XPath, Eclipse IDE, HTML, JavaScript, CSS, XML, PHP, Web Services, SQL Server 2000, Windows 2003, Linux.

# Client: inviCRO, Boston, MA Jan2012 – Jan2013

**Role: QA Engineer**

Provides services and software designed to improve the data management, processing, and work flow of research imaging facilities in the field of drug discovery and development.

**Responsibilities:**

* Involved in **Analysis** of **Business Requirements**, **Use Cases, Design Flowcharts** and **Software Requirements.**
* **Specifications** Creation of **Test Data Requirements** and **Test Condition Matrix**; Setting up **Test Environment**; Software **Test execution Defect Management.**
* Created **Java** based scripts for **Selenium Web Driver** with **Junit** as automation frame work.
* Setup the Automation framework using **Selenium Web Driver** to run test cases in multiple browsers and platforms.
* Created automation scripts in **SOAPUI** using Groovy Script for web services testing.
* Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Wrote and executed automated test cases using **Selenium Web Driver** to automate manual testing solutions.
* Analyzed the Log files to verify the processes for debugging and or test data verification purposes.
* Experience with **TOAD** for backend data validation
* Involved in conducting tests on Web services transactions like automatic bill payment, wire transfers, batch payments and Account transfers sent over **HTTP** or **HTTPS** by inspecting every **XML** request and response using **SoapUI**.
* Developed and executed **SQL** queries to verify the proper insertion, deletion and updates into the database and investigate for solutions using **data analysis** practices and prepare analysis reports.
* Performed Regression testing on new builds, every modification in the application using **Selenium Web Driver**.
* Performed Compatibility testing of applications for dynamic and static content of browsers using HTML Ids and **XPath** in **Selenium**.
* Performed defect reporting and bug tracking using JIRA and also followed up with development team to verify bug fixes, and update bug status.
* Involved in creating automation test suites for progression & regression testing in **SOAPUI**. The messaging formats included **SOAP** over **HTTP**&**REST** based clients with **XML** payload.
* Involved in Unit testing, test case development and regression testing using Junit for web based application.
* Developed and executed **SQL** queries in the database to conduct Data integrity testing by checking the data tables on the server.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Interacted with development and product management teams for the quick resolution of reported bugs and various technical issues.

**Environment**: **Java**, **Selenium Web Driver, Junit, ANT, Jenkins, SoapUI, TDD**, Agile, HTML, XML, **REST,** SQL, PL/ SQL, Oracle, Quality Centre, Windows XP, UNIX.

# Client: DeviceFidelity, Richardson, TX Oct 2010 – Dec2011

**Role: QA Engineer**

Designs and delivers a small footprint NFC multi-chip module with an embedded security chip that can interface with all smart phone platforms.

**Responsibilities:**

* Determined test objectives through detailed analysis in order to automate features comprehensively.
* Developed, planned and implemented automated test cases based on software requirements and technical understanding, as well as developed and extended the current test automation infrastructure to be more efficient, both in execution and reporting.
* Developed **Test Framework** in **Selenium for UI Regression Test Automation** and when necessary, and potentially execute **Unit Test** automation (**Java/Junit**).
* Used **Selenium RC** for testing different browser, **Selenium Grid** for checking instance of server and **Selenium IDE** for record and playback.
* Created and executed **database queries (SQL)** to validate database data integrity
* Developed test scripts in Selenium for inserting records into oracle tables.
* Performed embedded application testing for necessary applications.
* Used **SOAPUI** (use of groovy script) for test data setup in Test Driven Development.
* Updated test cases and test scripts according to changed requirements as well as using **QuickTestPro** for regression testing.
* Identified software capability and reliability by conducting functional, system, and regression and performance tests.
* Documented and reported test outcomes by collecting, analyzing, interpreting and summarizing data to development team.
* Assisted in reproducing, investigating and debugging software issues in coordination with the development team.
* Worked with minimal supervision, whilst being responsive in a fast paced development environment. Also, mentored others in software testing best practices.

**Environment:** Selenium IDE/RC/Grid, Junit, WinRunner, QuickTest Pro, SQL, WebLogic, Windows, waterfall.

**Clint: Apollo hospital, Hyderabad, India Jun2008 -Sep2010**

**Role: QA Tester**

**Responsibilities:**

* Designed the efficient manual test cases based on analysis of Business Requirements, Functional Specs, Technical design documents, Use Cases, Supporting documents.
* Understanding the business requirements and develop test cases to test the complete functionality of the application.
* Worked on python scripts for embedded systems with processors using Micro O/S2.
* Maintain Traceability Matrix to ensure all conditions are covered in the Test Cases.
* Executed Test cases and analyze the test results.
* Responsible for performing Ad-hoc, Sanity testing, Functional testing and Regression testing.
* Coordinating with onsite persons regarding documents, requirements and discussions about the functionality.
* Performed regression testing for each new built.
* Used Test Director to analyze and maintain test cases, which satisfy both Verification and Validation and Track bugs.

**Environment:** Test Director, **UNIX**, ARM Processor, Python, SQL Server, Power Builder, Windows NT, MS-Excel.

**Education:** B.Tech in Computer Science and Engineering from JNTU Hyderabad in 2008