ANUSHYA.K

**SKILLS SUMMARY:**

* Over 6+ years of diversified experience as Quality Engineer with **Web Applications, Web Services, API’s** and **Mobile Applications.**
* Exclusively worked with agile scaling practices - **Continous Integration** and **Continous Deployment.**
* Experience working in **Agile – Scrum** environment**.**
* Extensively worked with **UI, Mobile** application**s and RestAPI’s** using **Java**, **Selenium WebDriver, Apache HttpClient, Appium and TestNG**.
* Proficient in development of automation framework using patterns like **PageObject, Data Driven using Apache POI, UI Mapping and Java design patterns.**
* Extensive experience working with selenium locators for **dynamic UI elements with CSS Selectors, Xpath.**
* Experience working with **Selenium parallel testing** and **Selenium Grid** distributed configurations. Good knowledge on configuring and understanding **Desired Capabilities**.
* Good Experience in automating **API’S testing** using **HttpClient**. Also used plugins like **postman, Advanced REST Client etc.**
* Experience automating native mobile apps using **Appium** mobile automation framework.
* Hands on experience working with android and IOS app locators using **UIAutomatorViewer** and **Appium Inspector**.
* Worked with **ADB** command line tool to interact with devices/simulators configured. Worked with android SDK tools like **Logcat(**under **DDMS)** to deal with app logs.
* Experience working with agile **ALM** tools like **Rally** and also project management tools like **Jira**.
* Knowledge on application packaging containers like **Docker** and code review tools (**Gerrit**).
* Worked on a POC to do UI automation using **Nightwatch.Js** which is **End-to-End test framework** in **Node.js.**
* Experience working with reporting, logging mechanisms and integration of git with Jenkins.
* Strong experience with **REST** architecture and consuming **API’s** as dynamic data resources.
* Experience using **Jmeter** to scale the performance testing of **REST API’S and Web Applications**.
* Experience in build automation and continuous integration using **Jenkins**, **Maven**.
* Experience in creating **Data Driven Test** entities using **Java, Apache POI** and **TestNG** data providers.
* Extensively handled **Functional, Integration, System, Regression, User Acceptance, and Load Testing.**
* Experience working with **SQL** scripts to work with Database testing for data integrity and data mapping.

**EDUCATION:** Master’s in Computer Applications from Madras University in 2001.

**TECHNICAL SKILLS:**

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| --- | --- |
| Operating systems | Windows, UNIX , Linux |
| Bug Tracking Tools | Rally, Jira, Bugzilla, Perfect Tracker |
| Databases | My SQL, Oracle |
| Tools | Selenium, TestNG, JMeter, QTP, Load Runner, JUnit, Maven, Jenkins. |
| Languages | Java, HTML, SQL. |
| Java Packages | Maven, Selenium Webdriver, Apache HTTP Client, Appium, Apache POI |

**PROFESIONAL EXPERIENCE:**

**CISCO SYSTEMS,** San Jose, CA. **Sep 2014 - July 2016**

**QA Engineer**

**Description:**

Cisco Systems is networking giant, Cisco develops networking products and provides service, It involves setting up Cisco legal entities in targeted high-growth countries. These entities allow the competitive sale of Cisco products, services, and solutions.

Professional Service is new Cisco initiative which helps Cisco Service Engineer to keep track of travel expenses along with Total Trip Costs in Salesfoce. Professional Services is Bunch of Advance Services which Cisco Provide to their partners. Professional Services is great platform to Cisco Account Managers to sale group of advance services as part of Offer.

**Responsibilities:**

* Gathered and analyzed business requirements to create a high quality **test scripts**.
* Worked on automating test cases using **Selenium WebDriver, TestNG** and **Java**.
* Setup the Automation framework using **SeleniumWebDriver** to run test cases and parallel testing with multiple browsers and platforms
* Experienced in Automating **RestAPI’S** using **HttpClient Framework**, **Java** and **Jackson libraries.**
* Created performance test scripts using **JMeter** to monitor performance of the browser apps and **REST APIs**.
* Worked with Continuous build and integration using **maven and Jenkins**.
* Worked on a POC to do UI automation using **Nightwatch.Js** which is **End-to-End test framework** in **Node.js**
* Using **Git** review, review the changes / updates by all the teammate contributed within different sprint.
* Automation testing of **IOS** and **Android** native apps using Appium. Involved in development of mobile automation framework using **Appium, Java and TestNG**.
* Worked with mobile app locators using **UI Automator Viewer** and **Appium Inspector.**
* Worked on TestNG parallel testing and Selenium grid configurations.
* Experience handling different **reporting** structures using **TestNG listeners** and **Jenkins** plugin configurations
* Worked on **Automation Framework and test scripts** development using **Java, Hybrid Framework (PageObject, Data Driven, UI Mapping, Modular patterns), Selenium WebDriver, HttpClient, Appium ,TestNG, Apache POI.**
* Worked with dynamic elements using **xpath and css selector** locators, developed advanced automation scripts using **Selenium WebDriver**.
* Worked on **Agile** and **Scrum** Methodology.
* Used and monitored **Rally** to log, track and close defects as and when developers provide fix.
* Report defects and discuss details with Project managers.

**Environment:** Selenium WebDriver / Grid, TestNG, JMeter, Java, Rally, Maven, Appium, HTTPClient, SQL, Agile

**Blue Cross and Blue Shield,** Boston, MA **Sep 2012 - Apr 2014**

**QA Engineer**

**Description:** The Company aims at creating unprecedented level of transparency in healthcare with two goals: enable consumers to make more informed healthcare decisions and collaborate with providers to improve quality outcomes and affordability. The project was to create an interactive web-based application within the Customer Relationship Management system to allow clients to research, communicate with different healthcare service providers and tailor make their own healthcare tool.

**Responsibilities:**

* Involved in writing test plans with high-level scenarios to ensure complete test coverage.
* Created and maintained test data in excel sheet.
* Written detailed test scripts using Selenium Element Locators, **WebDriver** Methods and **JAVA** programming features and **TestNG** Annotations.
* Designed, developed and deployed an automation test framework based on open source technologies, such as **WebDriver/RC**, **TestNG**, **SVN**, **Maven** and **Jenkins**.
* Identified and documented the defects in **JIRA**.
* Integrated Appium for distributing tests on the cloud, **IntegratedAppium** with Continuous Integration tool- **Jenkins**.
* Execution of test scripts using **Selenium WebDriver** using **TestNG**/**Junit framework**.
* Designed, executed and maintained **Selenium WebDriver**, **TESTNG**, automated test cases for regression test cases.
* Reviewed the **Selenium Scripts** developed by the team members
* Created and executed test-cases and scenarios on all the **REST API** using **SoapUI** and **HttpClient**.
* Performed Integration, System, and **Regression testing** to verify the functionality of the application.
* Extensively used **Firebug, FirePath** to identify the locators of Web elements**.**
* Extensively used **TestNGXML** suites to run **smoke**, **regression**, functional tests.
* Validated **Web Services** request and response **XML** using **SOAPUI** tool and created automation scripts in SOAP UI using Groovy Script.
* Experience with Assertions like Schema Compliance, **SOAP**, **XPath** assertions using **SOAPUI**.
* Performed data driven testing in **SOAPUI** using properties and property transfer steps.
* Analyzed, documented and maintained test results and test logs.
* Conducted backend testing using **SQL** results and comparing them with the reports of the application under test.
* Assisted team member in doing ad-hoc testing of the application under test every-time a new build was deployed.

**Environment:** Selenium RC, Java, TestNG, Firebug, SOAPUI, XPath, Maven, Jenkins, Appium, JIRA, Windows, SQL.

**WEB METHODS (Active Software Inc.),** Santa Clara, CA **April 2011–May 2012**

**QA Engineer**

Web Methods is an enterprise software company, acquired by Software AG, focused on application integration, business process integration and B2B partner integration. The company pioneered the use of web services to connect software applications together within a single organization and across the Internet.

**Description:**

**Developing and Maintaining Regression Center for QA**: This project is to develop a Regression Center that can test their product using Java, Perl & shell script for different operating systems. Generating Report on Regression using JDBC and posting results in web site. Involved in automation and maintenance of the Regression Center in English and Japanese versions.

**Responsibilities:**

* Understanding the requirements and preparing **Test Plan** and **Test cases** for the application in **Test Director**.
* Responsible of writing code to do the unit testing in **Java**.
* Responsible for automation of Integration testing of individual test cases using **Perl Scripting**.
* Involved in automations of individual test scripts of Regression Center using **Perl** and **UnixScripting**.
* Responsible for report generation of **Regression Center**.
* Responsible for installing the different builds on different operating systems.
* Responsible for testing product on different databases.
* Performed manual testing on **Regression Center**.

**Environment:** Test Director, Perl, Java, Shell Scripting, MS Office.

**Capital One Financial Corp.,** McLean, VA **Aug 2009 - Feb 2011**

**QA Analyst**

**Description:**

Capital One provides financial products and services to individuals, small businesses, and commercial clients. In Capital One, I worked as a Quality Assurance engineer on Capital One-Chevy Chase Bank merger integration project. The project involved in combining the technology infrastructures of both banks so that customers of Chevy Chase Bank have access to all services which Capital One provides to its customer.

**Responsibilities:**

* Performed black box testing and user acceptance testing.
* Performed manual testing and automated testing using **Quick Test Pro**.
* Added multiple checkpoints in testing of **GUI** by inserting checkpoints in **Quick Test Pro** scripts for single or multiple objects and text.
* Used **Quick Test Pro** for testing the compatibility of the application with different platforms.
* Analyzed, designed, created, and executed data-driven automated performance and **load test** in a Windows environment.
* Performed backend testing with **SQL** for data validation and data Integrity.
* Used **Microsoft SSIS for Extracting**, Transforming and Loading (ETL) processes during data transfer in **datawarehouse**.
* Prepared Detailed Test cases in QC with Use-Case Design Under which system will be tested.
* Involved in generating **Test Scripts** using **QuickTest** Pro (**QTP**) for different transactions to execute
* Provided support for **UAT** testing as required for the application.
* Used Load Runner to check the source of performance delay, network or client delays, CPU performance, I/O delays, or issues with database server.
* Used **Quality Center** to house all test documentation and report/track all issues and defects.
* Worked on Load/Stress/Volume testing using **Load Runner**.
* Created load scripts (VuGen) using different protocols with data parameterization.

**Environment:** UNIX, QTP, Quality Center, Load Runner, SQL, PL/SQL, HTML.