**Amandeep**

**Sr. QA Engineer/API Tester**

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**PROFESSIONAL HIGHLIGHTS:**

* **Software Test Engineer** with **8+ years** of experience in web, client-server application testing.
* Quality-focused professional with extensive experience in **manual testing** and **automation testing**.
* In-depth knowledge of Software Testing Methodologies such as Functional testing, Black box testing, Integration Testing, Regression testing, Acceptance Testing (UAT), System Testing.
* Experience in developing end to end automation using **Selenium WebDriver/IDE/Grid, TestNG, Maven, Jenkins, Cucumber, Soap UI, Postman, Appium.**
* Strong knowledge of **Software Development Life Cycle (SDLC)** methodologies such as **Agile, SCRUM** and **waterfall** models and **TDD/BDD.**
* Knowledge of automation testing of web applications using **Selenium** Web-driver.
* Experience in applying **Testing Methodologies**, creating **Test Plans**, Executing Test Scripts, **Automation of Test Cases**, **Defect Tracking** and **Report Generation**.
* Experienced in **SQA** (Software Quality Assurance) including **Manual** and **Automated Testing** with tools such as **Selenium WebDriver/IDE, TestNG**, **Cucumber,** Quality Center/ALM, JIRA, and Maven.
* Expert on **Selenium Automation** using **WebDriver**, programming using **Java.**
* Proficient in using **SoapUI** for testing **WebServices SOAP, REST** and used various types of assertions such as **soap fault, Contains, Soap not fault, X-path etc.**
* Expert in integrating Automation scripts (Selenium WebDriver API) on **Continuous Integration tools Jenkins for** nightly batch run of the Script.
* Strong experience and actively involved in building and **testing Restful Web services API** using **SoapUI**, for UI Integration.
* Strong background in **Java** White-Box testing using **Eclipse IDE**.
* Expertise in test automation and continuous delivery of web applications, client server applications, **web services/APIs** Testing.
* Extensive experience in designing **Test Cases, Test Scenarios, Test Scripts** and **Test reports** of manual and automated tests.
* Performed Mobile Testing using **Appium** on **Android, IOS** platforms. Tested **Native, Web** Apps on Real Devices and Emulators.
* Exposure on **Core-Java** with strong understanding of **API Contents**, **Collections/Generics, Event/Exception** handling. **Multithreading/Concurrency.**
* Experience in API Testing using **REST Assured** library and **POSTMAN**.
* Well versed in different management scenarios like **Change Control, Quality Assurance, Defect Tracking, System Integration, and Task Scheduling.**
* Knowledge of defect tracking using **Jira, Quality Center/ALM.**
* **Excellent interpersonal skills**, proven team player with an analytical bent to problem solving and delivering under high stress environment.
* Good work ethics, detail oriented, fast learner, team oriented, flexible and adaptable to all kind of environments.

**TECHNICAL SKILLS:**

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| **Testing tools** | Selenium WebDriver/RC/IDE/GRID, HP Quality Center/ALM, TestNG, JIRA, Soap UI, JMeter, Postman, Cucumber, Appium |
| **Web Technologies** | HTML, CSS, XML |
| **Defect Tracking Tools** | Quality Center/ALM, JIRA |
| **Languages** | Java, SQL, PL/SQL |
| **Build Tools** | Ant, Maven |
| **Continuous Integration Tools** | Jenkins |
| **Browsers** | Internet Explorer, Firefox , Chrome & Safari |
| **Databases** | SQL Server, Oracle |
| **Operating Systems** | Windows, UNIX and Linux |

**WORK EXPERIENCE:**

**Client: Keen Footwear, Portland, OR Nov 2019 – Till Date**

**Role: Sr. QA Automation Engineer**

**Responsibilities:**

* Active participant of QA reviews and inspections to find potential defects and recommend corrective action.
* Performed UI testing on various builds.
* Performed Cross- Browser and Cross –Platform testing to verify the application consistency on various builds in different web browsers and in different operating systems.
* Performed **Selenium Synchronization** using Explicit & Implicit waits.
* Dealt with Accessing Links & Tables using **Selenium WebDriver** and **Java** collections framework.
* Created test reports generated out of **TestNG** and captured the error screenshots.
* Worked on Capturing Screenshots on Failure or Pass to analyze the test failure reason. Coordinated with application team to ensure resolution of all issues and completion of work on time.
* Schedule and prioritize work and plan a sequence of testing activities that accomplish the planned targets. Set priorities and provide reports to the management.
* Performed regression testing on various builds for UI and Functional Validations.
* Extensively worked on **REST** and **API Testing** for the various XML attributes for different kinds of report generation.
* Developed modular & robust automation framework using **Selenium WebDriver, Cucumber, TestNG and Java.**
* Implement **BDD** (Behavior Driven Development) Testing with **Cucumber** and **Selenium WebDriver** to ensure the code reusability and code maintainability and cut down the script development time in half.
* Used **Java** language and **TestNG** framework for scripting. Used **Maven** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Developed manual and automated test cases to validate RESTful API web service. Validation was performed using Postman and custom-written python scripts.
* Implemented Automated execution of tests (nightly and need based) using **Maven and Jenkins.**
* Developed manual and automated test cases to validate **RESTful API** web service.
* Involved in API and Web Services Testing using Rest API.
* Developed re-usable function using **TestNG** for the Test Automation.
* Developed test suite, test cases, execute test cases and generate report in **Postman**.
* Performed xml data validation using assertion method in **Postman**.
* Created automation test scripts using **Selenium WebDriver** and **Java** and involved in resolving existing test script issues in Selenium WebDriver.
* Done SOA testing for Payments API's using SOAP UI and Java framework for web services testing.
* Executed tests and participated actively in system testing and regression testing.
* Worked with the **SQL** statements to extract data from SQL tables and verify the output data of the reports on the browser page.
* Used **TestNG** Annotations in Selenium WebDriver and executed a batch of tests as TestNG suite.
* Performed Assertions like Schema Compliance, XPath and SOAP responses.
* Implemented **Appium** scripts to test **IOS** and Android platforms.
* Involved in writing automation scripts for mobile native applications using **Appium, Core java and Selenium.**
* Used **CSS Selector** to identify objects.
* Contributed to components of the test automation framework; including the design, development, delivery and maintenance.
* Performed manual testing using different black box testing methods like ad-hoc, functional, UI, system, and regression testing.
* Used **Jira** daily tasks and test maintenance respectively.
* Developed generic method to make the method reusable for multiple purposes.

**Environment**: Java,Selenium WebDriver, TestNG, REST API Cucumber, Appium, Maven, XPATH, Eclipse, Jenkins, HTML, XML, Git Hub, agile (Scrum), JIRA, SQL, Oracle and Windows.

**Client: Word & Brown Insurance, Orange, CA Jan 2018 – Oct 2019**

**Role: QA Automation Engineer/API Tester**

**Responsibilities:**

* Developed test strategy for the minimal required tests that provides value in determining the quality state of the application.
* Developed/Updated System **Test Plan, Test scenarios** and **Test Scripts** as per the requirements and **Change Request** Document.
* Developed Selenium Automation framework – Created a hybrid framework (Keyword and Data driven) on Selenium using **TestNG.**
* Involved in running Selenium automation scripts and updating the scripts according to enhanced requirements using selenium **WebDriver.**
* Used **Java** language and **TestNG** framework for scripting. Used **Maven** for building the **WebDriver project**.
* Identified test cases to automate. Automate those test cases using **Selenium WebDriver and Java (Eclipse IDE).**
* Developed and executed manual and automated tests in different platforms using Java and Selenium library.
* Used Java as client library for **Selenium and WebDriver** to design and developed Automation test Framework using **TestNG.**
* Involved in acceptance testing using **Cucumber** and **Selenium WebDriver**.
* Developed automation script for **Mobile Native applications** (IOS, Android) using **Appium**, Java.
* Used **Maven** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Automated Smoke & Functional test cases **using Selenium WebDriver, TestNG & Java (Eclipse IDE).**
* Used **Maven** to build and run the Selenium automation framework. Once the script got over, framework used to send the automation reports over email.
* Created the tests that have no user interaction as a set and executed them as Batch tests using **Maven**.
* Involved in pushing the automated test code into CI (Continuous Integration) and monitored the test execution in **Jenkins** once the code pushed into CI.
* Extensively used Selenium (data-driven, XPath locator) and **WebDriver** to test the web application.
* Worked on Web services using **POSTMAN** exclusively on obtaining the needed information using the **URL** approach.
* Designed **Hybrid Appium Test automation** framework for the application (Android apps).
* Used **Postman** validated REST API Web Service Call by sending JSON Request and JSON Response.
* Developed JavaScript in **Postman** tool to connect to database for automation of Web Services.
* Involved in **SOAP & REST** based web servicestesting using **SOAP UI PRO** web services testing tool.
* Involved in automation of regression test cases and executing scripts using Test Harness & **SOAP UI.**
* Uploaded test cases executed test cases and logged defects in **Quality Center/ALM.**
* Verified SQL queries against backend database to ensure test codes retrieve the right data on testing.
* Preparing status reports and End of Sprint demos to show case the work done in that sprint to the Stake holders (Product management, Customers, Clients).

**Environment:** Java, Selenium WebDriver, TestNG, Jenkins, Maven, Cucumber, Postman, Appium, SOAP UI, XPath, Eclipse IDE, TDD, SQL, PL/SQL, Oracle, Quality Center/ALM,Windows.

**Client: Petsmart, Phoenix, AZ Oct 2015 – Dec 2017**

**Role: QA Automation Engineer**

**Responsibilities**

* Involved in creating Test Plan and written Test Cases based on Use Cases and Business Requirements.
* Developed automation test suite from scratch with **Selenium WebDriver** with **TestNG** with Java for the application to help in regression testing.
* Involved in developing Framework from scratch using Selenium and working knowledge of automation frameworks like Hybrid, Data driven, Keyword frameworks and Page Object Model (POM).
* Developed QA processes automation test scripts using Selenium to test Web based user interfaces for different type of browsers.
* Perform Functional Testing and Regression Testing using Selenium **WebDriver**
* Implemented automation scripts for **Cucumber BDD** framework to test key Business Processes scenarios
* Performed test executions and wrote test scripts for complex integrated systems. Performed regression testing on new software releases and reports findings.
* Used **Soap UI** to conduct web services testing.
* Used **Selenium WebDriver** to handle various web page controls using locators like textbox, button, dropdown, checkbox, radio button, labels using **XPath.**
* Developed **BDD** tests using **Cucumber** by writing behaviors and step definitions and also developed required Selenium support code in JAVA for Cucumber.
* Used Git repository for efficient remote team working, also stored the framework and all the developed test cases.
* Used Screenshots for bug reporting, analysis and exception debugging using Extent Reports reporting library with **TestNG**.
* Tracked defects using **JIRA** and generated defect summary reports.
* Identified test cases to automate and automated those test cases using Selenium WebDriver, TestNG, Apache POI and Java technologies (Eclipse IDE).
* Developed Test Automation Framework using Selenium WebDriver, TestNG, Apache POI under Java platform utilizing industry leading harness design patterns and approaches.
* Extensive testing of browser content and compatibility Tested compatibility of application using HTML IDs and XPath in Selenium.

**Environment**: Selenium Web Driver, IE, JIRA, Apache POI, Java, HTML, CSS, X-path, Windows, SQL, Maven, Git, SOAPUI, Cucumber, TestNG

**Client: Banner Bank, Walla Walla, WA Jul 2014 – Sep 2015**

**Role: QA Engineer**

**Responsibilities:**

* Actively participated in requirement gathering from end Users, Responsible for writing functional Specifications and design documents.
* Involved in creation of Test plan and responsible for creating Test cases from the functional Requirements.
* Identified test cases to automate. Automate those test cases using **Selenium WebDriver, TestNG** and **Java** technologies (Eclipse IDE). Contributed in framework creation.
* Performed automation of test cases for Regression Testing using **TestNG** and **Selenium** Functional, Acceptance and Limit validations.
* Developed BDD and TDD script with Cucumber and written step definition for Gherkin based features.
* Contributed in creating automation framework for complex scenarios and performed Functional and Regression Testing for various releases using Selenium(WebDriver) and TestNG
* Created detailed QA and **UAT** cases to validate the quality of the application.
* Used automated scripts and performed functionality testing during the various phases of the application development using **TestNG** framework.
* Integrated **TestNG** with **Selenium** using Eclipse to generate test execution result.
* Involved in tracking and reporting defects using **Quality Center** and was also responsible for communicating the status to the development team.
* Implemented cross browser and cross platform web testing with selenium grid and selenium.
* Proficient in **Agile** development and Scrum methodology.

**Environment**: Selenium WebDriver, Java, JavaScript, Cucumber, HTML, SOAPUI, Maven, Jenkins, Git, Quality Center, Windows.

**Client: Hanmi Bank, Los Angeles, CA Dec 2012 – Jun 2014**

**Role: QA Analyst/ Manual Tester**

**Responsibilities:**

* Understood and interacted with **Business Analysts** to determine functional specifications.
* Worked under **waterfall methodology** with understanding the Business requirements, application and function specifications.
* Documented **Test Scenarios** (positive and negative) and **Test Cases** based on the functional specifications.
* Responsible for **Black Box Testing** of the application.
* Prepared **Requirement Traceability Matrix (RTM)**to trace test cases to functional requirements. Involved in developing the tractability matrix in Excel sheet
* Involved in updating and executing test cases as per given requirements. Performed **GUI, Functional, Regression, Ad-hoc and Smoke Testing**.
* Coordinated the testing effort towards **End-to-End testing** to verify the proper functioning.
* Developed test scripts to **Performed Integration testing, System testing, Regression testing, User Acceptance testing (UAT) and Back End testing** of an application.
* Created Test input requirements and prepared the test data for data driven testing.
* Performed quality assurance reviews on all System Development Life Cycle phases.

**Environment**: Manual Testing, Quality Center, MS Excel, Waterfall.