**Harindra**

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QA AUTOMATION ENGINEER/SDET

Professional Summary

* 10+ Years of QA experience in Software analysis, Software Quality Assurance Testing of Web, Windows, Web Services, Client/Server applications and databases in a wide variety of projects and industries including Insurance, Banking, Retail, e commerce and Marketing.
* Experience with focus on analyzing system functionality, design and implementation of QA testing methodology and extensive use of all QA and Object-Oriented practice to design test automation framework.
* Proficient in performing GUI, Functional testing, System testing, Regression testing, Backend testing, Smoke testing, Performance Testing using various testing tools and methodologies.
* Expertise in object-oriented design, design patterns, and distributed programming. Involved in all stages of Software Development life cycle (SDLC).
* Experience with Data Driven Framework, Module driven Framework and Key word Driven Framework.
* Build a framework for a thorough Integration and functionality testing by using RESTful API. End to end deployment ownership for projects on AWS. This includes java scripting for automation, scalability, build promotions for staging to production etc.
* Performed BDD (Behaviour Driven Development) using Cucumber Features, Scenarios and Step Definitions in Gherkin format.
* Experience in continuous integration tools like Jenkins, and working experience with Build tools like Maven.
* Extensive experience as UAT coordinator and UAT tester with experience through all the phases various Software Development Life Cycle (SDLC) Phases and Quality Assurance Life Cycle (QALC) including Requirement Gathering, Business Analysis, System, Object Oriented Design and Testing.
* Performed end-to-end functional testing across multiple environments and platforms, ensuring the seamless operation of ETL processes to UI workflows.
* Knowledge in Automated-testing using Quick Test Professional/ UFT.
* Knowledge on continuous integration and deployment using Jenkins, Docker.
* Involving in designing and developing UAT Regression automation script and Automation of functional testing framework for all modules using Selenium Web Driver.
* Well versed in Web Services Testing using SOAP and REST based web services to create and execute automated functional, regression, compliance tests.
* Working knowledge of SQL concepts executing queries on Oracle tables for data validation.
* Hands on experience in integrating Appium with Continuous Integration tool- Jenkins.
* Experienced and expert in many features of QTP/UFT such as Object repository, checkpoints, output values, actions, functions, and transactions.
* Developed the data driven automated test scripts using HP Unified Functional Testing (UFT) tool for various web applications including CRM Salesforce application.
* Used TestNG framework to run unit test and Maven to build the Project.

**Technical Skills**

**Browsers**

Internet Explorer 6,7,8,910 and 11, Chrome, Firefox, Safari

**Web Development Tools**

Eclipse, Visual Studio, Java Script, TFS, Jenkins and Bamboo

**Languages**

Java, C#, JavaScript, Python, ETL

**Testing tools**

Selenium, QTEST, Postman, Ranorex,

Pytest, Python, TestNG, Junit, NUNIT, Appium, cucumber

**Reporting tools**

Jira, Bugzilla, Quality center

**Data Access Languages**

SQL and PL/SQL.

**Database Servers**

SQL Server

**GUI / Tools**

Eclipse, Visual Studio

**Frameworks**

TestNG, NUNIT, Junit, Maven, TDD, BDD

**Professional Experience:**

**Client Geico, Chase MD June 2022 – Till the date**

**QA Selenium Automation Engineer**

Roles & Responsibilities:

* Effectively participated in daily SCRUM meetings and meetings involved in QA planning, coordination and implementation of QA methodology.
* Testing included manual efforts, documentation review, and automated testing utilizing both custom-created applications in C# and the test features of Visual studios for distributed load test.
* Worked in WebDriverIO browser commands are used to directly perform certain actions on the browser.
* Review Functional requirement and use case documents to understand the Business logic, application requirement and technical aspects of the system.
* Designed and developed Data driven, BDD, TDD and hybrid automation framework using Selenium Web driver and Python and also performed unit testing using Unitest and Pytest.
* Developed and executed manual and automated testes in different platforms using Python and selenium library.
* Utilized Ranorex for test automation for testcase management system.
* Using Ranorex to build test suites for QA and for CI for smoke tests and comprehensive functional testes.
* Automated smoke and functional test cased using Selenium Web driver and Unitest/Pytest and python.
* Conducted Functional testing, Regression Testing using selenium with Data-driven framework and BDD.
* Attend meetings involved in QA planning, coordination and implementation of QA methodology.
* Wrote Test Plans and Test Cases based on the business requirements.
* Created scripts using WebDriver based on Modular framework.
* Worked closely with Lead and assist and helping offshore team to understand technical documentations
* Participate in BDD testing using Rest Assured, TestNG, Cucumber.
* Testing of software projects of large size and high complexity to ensure that software meets end product
* Designed & developed UAT Regression automation script and Automation of functional testing framework for all modules using Selenium and WebDriver.
* Worked on Eclipse based embedded testing using Java.
* Worked on Android and iOS Automation Tools (Selenium and Appium) for testing Native and hybrid apps.
* Worked on reverse proxy services with postman.
* Worked on UAT environment and verified the end results from a User perspective.
* Involved in creating Test Case Scenarios, Test Case Execution and maintaining defects using JIRA Tool.
* Tested Web Services based on data and functions by SOAPUI.
* Validate and execute Test Cases in the UAT environment in different browsers and logged defects in Jira for failure Test Cases.
* Implemented an emulator and simulator for Mobile App Testing in Android Platform using Appium.
* Wrote and execute SQL queries and Joins, Group by clause, having clause etc. to validate the data.
* Execute parallel browser testing on various machines using Selenium Grid and performed cross browser testing.
* Performed Test data creation and Scripting, Validation, Review, Analysis, Reporting, Troubleshooting.
* Wrote Test Plans and Test Cases based on the business requirements.
* Review Test Plans, manual Test Cases and Test Scripts to ensure consistency with strategic direction, goals and objectives of QA resources working on the project with Agile SCRUM methodology.
* Environment: Appium, Android, and iOS platforms, XML, SQL, UNIX, HTML, JIRA, Office Tools, TestNG, SOAPUI, Eclipse, Selenium Web Driver, Python, Pytest, C#, Java Script, SQL Server

BNY Mellon, Tampa, FL Apr 2021 – May 2022

QA Automation Engineer

This project involves Automation of testing the application for bankers to originate debit and credit card process. The purpose of this project is to automate the credit pull process for credit card origination and also to allow non-us clients to originate credit cards

Responsibilities:

* Developed and maintained automated regression test cases in Selenium Web Driver using Core Java, python programming language.
* Understand and follow the standard development lifecycle with respect to planning and developing testing specifications and implementation of test automation.
* Implemented automation framework using TestNG, Maven, Sauce Labs and Selenium Grid. Enabled test execution in parallel. This reduced the testing time from hours to a few minutes.
* Performing Cross-platform, Functional, Regression testing, UI testing for mobile app using Appium test automation framework.
* Developed and executed Test Scripts for the rest API's using rest assured java.
* Automated front end testing using BDD, Selenium, Cucumber and Java Prepared Test Scenarios, Test Cases, and Test Data creation for different payroll processing systems.
* Worked on developing the automation scripts using Selenium Web Driver with Cucumber, Protractor Frame works. Created Test Cases using Element Locators and Selenium Web Driver methods.
* Implemented and developed automation framework using Selenium, Protractor, Cucumber (BDD) for web applications using Java, JavaScript, TypeScript.
* Appium to design and develop tests in Android/IOS platform for mobile App testing. This project involves Automation of testing the CLIENT VISTA application for bankers to originate debit and credit card process. The purpose of this project is to automate the credit pull process for credit card origination and also to allow non-us clients to originate credit cards.
* Work with Business Analyst, Product Owner and development team to identify and capture test cases, ensure version management.
* Designed, developed and implemented based automation testing framework utilizing Java, TestNG and Selenium WebDriver.
* Developed and executed manual and automated tests in different platforms using Python and Selenium library.
* Configured Selenium WebDriver, Pytest and created selenium automation scripts in python.
* Involved in the usage of ATDD framework to develop Cucumber Step Definitions, Scenarios and Features using acceptance criteria.
* Updated the JIRA with manual/automated test cases and Attended weekly status meetings with development and management Teams.
* Involved in Team refinements, Sprint Planning and retrospective meetings.
* Extensively worked on DOM (DOM OBJECT MODEL) to find Elements and locators using XPATH, HTML, CSS.
* Performed different types of testing in web services: Functional Testing, Regression Testing, data driven testing using POSTMAN.
* Maintained and executed Maven build files for running automated tests.
* Implemented Automated execution of tests (nightly and need based) using Maven and Bamboo.
* Logged and managed defects using JIRA defect management tool
* Used GIT, Bit Bucket as code repository to manage code reviews.
* Conducted System Testing and User Acceptance Testing for every client and Conducted Backend testing writing extensive SQL queries.
* Carry out Automated regression testing every time when new changes are made to the code.
* Environment: Java, Selenium WebDriver, Page Object Model (POM), Java Script, REST services, TestNG, Cucumber, GIT, Bamboo, Eclipse, XPath.

**Sprint Nextel - Chicago, IL Mar 2019 – March 2021**

**Quality Analyst**

This project involved testing Web-based applications of Sprint Nextel. These applications were being developed to allow its customers to access their accounts, pay and view bills online, upgrade their plans and handsets, make changes to their plans, and track new orders. Every new customer has to register with Sprint.com using a User ID and Password. The online application allowed its customers secured login session in addition to viewing statements history, billing and payment information. I was involved in testing of customer billing, order entry, and security management.

Responsibilities:

* Created Automation Test Scenarios according to the Business and System Acceptance.
* Effectively used Selenium, Java, Page Object Model, Web-driver, TestNG/Junit and Maven to develop test automation framework.
* Involved in creating Test plans and Test cases.
* Organized and attended review sessions to review test cases / Test scenarios with the Team members.
* Supported systems team integrate CI/CD pipeline using Jenkins build tool.
* Used GIT, GitHub and SVN for code version control.
* Installed and tested Mobile Product Functionality and features of Android & iOS devices.
* Validated API Audit Logging scenarios using Oracle SQL Developer.
* Building and executing, using SQL queries for Backend testing against SQL Server and Oracle Databases.
* Performed Regression Testing for the modified builds.
* Raised defects by giving validations and doing negative testing on applications. Actively involved in UAT.
* Used JIRA for bug tracking, documentation management.
* Attended Tester Tech Scrum meetings and applied the thoughts and ideas shared across the teams.
* Attended Daily Stand ups, Sprint Planning, Project Increment planning, Weekly scrum, and retrospective.
* Environment: Java, HTML, CSS, Path, Selenium WebDriver, Rest API, JSON, Mobile Testing, Android, iOS, XML, Windows, Mac, Oracle SQL Developer, Agile Methodology, JIRA

**Ascena Retail Group, India, Hyderabad Jan 2015 – July 2017**

**QA Automation Engineer**

Ascena is a national specialty retailer offering apparel, shoes and accessories for women.

Responsibilities:

* Responsible for preparation of Test cycle/progress reports, analysis of defect metrics & implement improvement actions for next iterations.
* Performed different testing task using various test scripts on Selenium WebDriver and TestNG.
* Developed test code in Java language using Eclipse, IDE and TestNG framework.
* Involved in designing and implementing of hybrid automation framework to be used with Selenium WebDriver.
* Implemented and worked on Acceptance Test Driven Development (TDD) agile methodologies completing releases ahead of schedule.
* 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.
* Designed and executed the Automation Test Scripts using Selenium WebDriver and TestNG.
* Used Selenium WebDriver API and Flash Monkey API to write automation script and run Flex designed site.
* Used the Firebug to inspect the XPath of the web elements and Eclipse IDE for Java development.
* REST API testing using Postman to validate requirements.
* Designed and Developed UAT Regression automation script and Automation of functional testing framework for all modules using Selenium and WebDriver.
* Involved in Web Services Testing using SOAP UI.
* Performed Smoke Testing to make sure all the Test Channels and Test Environment is working as desired.
* Responsible creating the functional testing framework using TestNG and using Selenium WebDriver to automate the UI components.
* Defect logging and tracking using Mercury Quality Center (QC)/ALM and updated the test defects status with results.
* Involved in testing of web application by creating XML test suite.
* **Environment:** UAT, XPath, ALM, XML, Selenium, Selenium Web driver,POSTMAN, XML, SOAPUI, Java, SQL, API, TestNG

**SD Softech India Pvt Ltd Hyderabad, India June 2014– Dec 2014**

**Jr. Software Engineer**

**(Client: Ascena Retail Group, USA)**

SD Softech, is a leading Information Technology solutions provider based in Hitech City, Hyderabad, India. They partner with Everest Technologies Inc. based in Worthington, Ohio. They deliver top quality systems and software design, architecture, development, testing and implementation services to clients in a variety of industrial, commercial, and governmental environments. In Retail Distribution and Logistics, industry faces more demanding and competitive environment. SD Softech Works with retailers to help them achieve high performance in these challenging times

Roles and Responsibilities:

* Responsible for preparation of Test cycle/progress reports, analysis of defect metrics & implement improvement actions for next iterations.
* Performed different testing task using various test scripts on Selenium WebDriver and TestNG.
* Developed test code in Java language using Eclipse, IDE and TestNG framework.
* Involved in designing and implementing of hybrid automation framework to be used with Selenium WebDriver.
* Implemented and worked on Acceptance Test Driven Development (TDD) agile methodologies completing releases ahead of schedule.
* 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.
* Designed and executed the Automation Test Scripts using Selenium WebDriver and TestNG.
* Used Selenium WebDriver API and Flash Monkey API to write automation script and run Flex designed site.
* Used the Firebug to inspect the XPath of the web elements and Eclipse IDE for Java development.
* REST API testing using Postman to validate requirements.
* Analyzing the Requirements from the client
* Participating in preparing Test Plans based on functional specifications
* Preparing Test Scenarios, Test Cases for module, integration and system testing
* Preparing Test Data’s for the test cases
* Preparing Test Environment to execute the test cases
* Analyzing the Test Cases prepared by other team members
* Configured Wave management, Task management, Locations and Inventory types.
* Defect Tracking and providing mandatory information of a defect to developers in order to fix it.
* Worked on back-end testing of the database by writing SQL queries to join the table, verify the data etc.
* Preparing Summary Reports
* Conducting Review Meetings within the Team.
* **Environment:** Selenium, Selenium Web driver,POSTMAN, XML, SOAPUI, Java, SQL, API, TestNG

**Education:**

* Bachelors in science from India