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| Candidate Full Legal Name: | Sandeep Kumar |
| Email: | darnk923257@yahoo.com |
| Phone: | +1628-203-6637 |
| City, ST, Zip: | Knoxville ,TN 37915 |
| Local/Non-Local/Relocate: | Relocate |
| Work Auth. | Citizen |
| Interview Availability: | Anytime on 24 hours prior notice |

* 7+ Years of QA experience in Manual/Automation testing of Web, Desktop and Mobile Applications for Healthcare, E commerce and Pharmaceutical domain.
* Proficient in python and shell scripting. Basic knowledge of Perl and VB script..
* Proficient in Web application testing for frontend and backend using Robot Framework in python.
* Written test framework using robot framework from scratch and integrate it with CI/CD process.
* Good Knowledge about test framework design and reporting
* Utilized Robot Framework to create keywords (functions) for testing and development.
* Worked on Data Driven, Keyword and BDD test framework
* Develop test framework for UI and Rest API testing in pytest.
* Experience in different types of testing like black box testing, integration testing, regression testing, GUI testing, Functional testing and system testing..
* Proficient in performing GUI, Functional testing, System testing, Regression testing, Backend testing, Smoke testing using manual & automated testing tools.
* Coordinating with Project Managers, Business Analysts and System Analysts to set up the pre-validation and validation environment to execute the scripts.
* Worked on various GUI automation tool such as Rational Robot ,Selenium , Auto IT and Sikuli
* Test case management using HP ALM
* Experience in working on Selenium Web Driver automation test framework in Java for Page Object Model (POM)

for cross-browser testing. Used testing annotations to group the test methods and for cross-browser.

* Functional, Performance and Exploratory testing for web application and mobile application(ios and Android) on different browsers
* Involved in building database Model, APIs and Views utilizing Python in order to build an interactive web based solution.
* Worked with VBScript, QTP for automation testing, and validated WSDL, Response messages and Databases in SOAPUI (Groovy Script).
* Around 2 year of experience in Test Automation using UFT (11.5 to 12.00 Versions).
* Experience Mobile Automation testing tools Appium, Calabash, Robotium, and Espresso.
* Implemented test automation scripts for mobile testing using Appium for Android and iOS applications.
* Involved in developing the automation scripts for Mobile Native applications (IOS, Android) using Appium Desktop. Inspected Mobile Apps using Appium Inspector.
* Used Appium to facilitate mobile testing by creating mobile Driver class with the required Mobile capabilities.
* Proficient in Relational Database Management System (RDBMS) and working in databases like Oracle, SQL Server.

**Skills :** Selenium, WebDriver, TestNG, ,Python, Pytest, Java, Appium, VBScript , Eclipse ,JavaScript, SQL, Maven Data Driven and Key Word Driven Frameworks, Automation Testing, Eclipse IDE, WebDriver/IDE/RC, JSP, CSS Selenium IDE, GRID,HP Quality Center, HTML, XML, Robot Framework, Web Services/API testing ,.JIRA, Linux Operating Systems(Ubuntu), Bugzilla, Jenkins, HTML, CSS, TDD, XPATH, Firebug, Visual studio, JMeter, Scrum, Agile, Oracle, Windows, UNIX, ALM, Manual, UFT/QTP, Hybrid Testing Framework, GitHub, Data Driven, Integration, Unit, System, Black Box, UAT, Test Plan, Test Case, RTM, Test Summary Report, Bug report Database testing.

**Tennova Healthcare, Knoxville, Tennessee Nov 16 – Present**

**QA Automation Engineer**

Healthcare Management system is an online policy management for family and individual insurance. It is a web-based application accessed by existing and potential customers. After logging in, the module provides the facility of payment of bills, review of policies and information about new policies. Quote module provides easy and specialized search through facilities like key code and personal invitation number.

* Implemented test framework for Web application testing from scratch using Robot Framework and Page Object Model
* Design Framework to have modularity and reusability by categorizing common keywords.
* Used Allure reporting and integrate the framework with CI/CD process
* Test framework using Robot framework has been implemented by setting up testing suites with individual suite specific setups for different user types and test categories.
* Created data-driven automation scripts for testing API Web Services using SOAP UI.
* Involved in designing and building automation frameworks in support of continuous integration in a test driven development (TDD).
* Tested compatibility of application for dynamic and static content under various cross browsers using HTML ids and XPATH in Selenium.
* Used Appium to design and develop tests in Android/IOS platform for mobile App testing.
* Good Experience in Selenium Robot Framework (Keywords, test suit, test cases and python script creation) for automation testing.
* Implemented mobile app test framework using Appium and Robot Framework
* Parallel execution of test cases from test framework.
* Integrated Automation scripts (Selenium WebDriver API) in Continuous Integration tools (Jenkins) for nightly batch run of the Script. Created Project plan on Jenkins, configured scheduled using cron job.
* Generated Python forms to record data of online users and used Pytest for writing test cases. Developed and Consumed Restful APIs for web applications using Python.
* Established Load Testing Standards including platform requirements of CPU, Memory, and Disk Space on Load Runner Controller, Load Runner Generators, and Load Runner File Storage.
* Developed BDD tests using Cucumber by writing feature files and step definitions using Gherkin language.
* Assure all code developed meets company and client expectations.
* Worked with all agile development and SCRUM process throughout the entire project. Worked extensively on Soap UI for mocking the back-end web service calls.

**UnitedHealth Group, Southfield, MI Aug 14 – Oct 16**

**QA Automation Engineer/Mobile Tester**

The goal of this project is to ensure efficient identification and monitoring of suspicious activities and transaction in the bank and ensure timeouts reporting of suspicious transactions to the Anti-Money Laundering (AML). This project followed agile methodology.

* Mobile automation of android and windows app using Appium and Selenium WebDriver with Robot Framework.
* Experienced in implementing automated testing and built test automation framework using Robot Framework and Page Object Model
* Migrated BDD Framework from Java Cucumber to Python Behave.
* Developed functional and regression test automated scripts using Robot framework automation tool that helped client to increase their revenue by 15% and improve their asset utilization.
* Designed, executed, and maintained automation Test Scripts in Selenium WebDriver using JAVA TestNG and Maven.
* Participated in release planning, sprint planning, retrospective and daily scrum for agile scrum development. Tested web services using CA Lisa automated scripts using SDLC best practices.
* Involved in functional testing, black box testing, negative testing, compatibility testing, and recovery testing. Automation and manual testing applications with micro services architecture.
* Hands-on experience on mobile testing using emulator and simulator for Android and IOS devices using Appium and Perfecto..
* Developed tools to automate some base tasks using python, Shell scripting and XML
* Involved in Automation Infrastructure Development using Eclipse IDE, Java, Selenium Jars and TestNG. Setup Selenium GRID to run Selenium scripts on different browsers.
* Create JIRA cards for all the defects found during the functional and regression testing.
* Developed Test Frameworks in Selenium for UI Regression Test Automation and when necessary, and potentially execute Unit Test Automation (Java /TestNG).
* I have worked on project, in which I have ported them to test case repository and re-engineered 658 test cases using robot framework.
* Used LR Controller for load on a server, group of servers, network or object to test its strength or to analyze overall performance under different load types.
* Experience in Automation tools like QTP, Cucumber, CA Lisa Selenium WebDriver, Selenium Grid, and Appium using CA LISA, Extended Web Services Tests in a Low -impact way using CA LISA.
* Responsible for implementation of Hybrid Test Automation Framework, Page Object Model using Selenium WebDriver, TestNG, Maven and Java.
* Performed functional testing, UI testing, stability testing and network stability testing for different Android and iOS devices using Appium.
* Well versed in locating various GUI elements using XPath, CSS, Link text, Id, Name, Class name, Tag names, partial Link text to test both web and mobile applications.
* Designed Hybrid Appium Test automation framework for the application (Android apps).
* Performed manual, automation scripts development on Agile(SCRUM) Methodology.
* Developed and worked on different environments such as Sandbox and Production.Performed Functional testing of the Web services using Soap UI and Lisa.
* Developed automation script for Mobile Native applications (IOS, Android) using Appium and have used Perfecto to perform extensive mobile testing.
* Automation framework in Selenium WebDriver using BDD approach like Cucumber.
* Participate in Agile Scrum methodology and attend DailyScrum, SprintGrooming, and SprintPlanning and SprintReview meetings.
* Performed API Level testing for web services, enhanced the Test harness and developed many Test suites using XML and Python.
* Implement Selenium Robot framework - Automation testing for browser based BI application that generates and displays various BI reports for different users by dynamically fetches data by connecting to data ware house.
* In the regression phase, the project was automated using Appium with TestNG.
* Responsible for develop framework from scratch and also working on enhancing the existing Automation framework. Used Maven for checking build and use Jenkins as CI.
* Developed Behavior Driven Development (BDD) scripts with Cucumber and written step definitions for behavior.
* Extensively worked throughout the defect life cycle from opening to closure using JIRA and ALM. Cross-Browser Testing was involved for browser compatibility.
* Experience in testing mobile applications using automation testing tools like Appium and writing automated test scripts using Java.

**Blue Square– Scottsdale, AZ Feb 12 – Jul 14**

**QA Automation Engineer**

Comcast is an American multinational mass media company and is the largest broadcasting and largest cable company by revenue. Data cast application is for Comcast Cable division. Aim is to display appropriate promotions, information, discounts, incentives and advertisements for Comcast customers on xfinity home page based on their characteristics so that comcast can better support them. Data analytics team has gathered 50 different attributes such as region, ethnicity, customer type, current subscription etc. that are used to determine the relevant promotions.

* Implemented automation framework using pytest and Selenium.
* Experience in automation and manual testing of large scale application for web based, mobile and client/server applications. Involved in Quality Audit and Exploratory Testing.
* Proficient in performing GUI, Functional testing, System testing, Regression testing, Backend testing, Smoke testing using manual & automated testing tools.
* Organized Test Plan during initial phase of project, prepared test scripts, executed test cases and recorded results in ALM. Testing code developed in TDD / BDD environments.
* Hands on experience in writing SQL queries and executing procedures to perform back end testing for the expected results.
* Experienced in automation based on Web Driver and Testing framework with Java programming language. Experience in testing web applications using Soap UI.
* Experience builds tools like Maven and managing JAVA automation projects using them.
* Experience programming in Java, Python, JavaScript, HTML, XML and SQL on Windows XP, Vista Operating Systems and UNIX environments.
* Involved in Manual testing user stories and coming up with effective test scenarios and reviewing then with product owners before they are delivered to QA.
* Effective experience in Testing Database Applications of RDBMS in MS SQL Server, MS Access and Oracle. Experienced in load and performance testing tool JMeter.
* Good experience in Web Services testing using SOAPUI, XML and WSDL; and in providing required input data to request XML& get the required data from response XML & use the response data from other request XML using SOAPUI.
* 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.
* Designed and Developed automation script using Selenium IDE and web driver.
* Regression and end-to-end testing of application by manual testing and Automation.
* Developed test scenarios and scripting test cases (both manual and automated).
* Interact with Developers and Business Analysts to perform various types of testing throughout Software Testing Life Cycle (STLC) and Bug Life Cycle (BLC).
* Executing of Manual, Automation Business Components, Test Scripts through HP ALM Quality Center. Used Squish creating and maintaining manual and semi-automated software test cases. Executed both manual and automated test cases.
* Wrote Structured Query Language (SQL) queries to check proper data population in application table and for data verification to perform Backend Testing against Oracle Database.
* Performed Functional, Smoke, Integration and Regression testing on CRM Application. Involved in SOAP and Restful web services using SOAP UI.
* Executed Manual Test Cases by using Positive and Negative data inputs for Front End / User Interface testing. Analyzed test specifications and converted them into Manual Test Cases.
* Created custom JSON/XML Assertors, for validation of SOAP (WSDL), and REST API calls, and Data Banks for storing and analyzing data input/output and error codes.
* Maintaining Selenium Java automation code and resources in the SVN source control.
* Written extensive UNIX Shell scripting for error logging, cleanup, data archiving & job scheduling. Execute used test cases for manual testing procedures.
* Preparing Traceability Matrix (RTM) in Quality Centre, Task base. Test Scenarios, Test cases execution in Task base tool. Performed manual Black box, Functional, GUI, Regression, Integration testing.
* Manual testing, automation using QTP (using both record & play and writing VB Script codes in the Export mode), QC for defect management.
* Development of Manual test cases by decomposing use cases for specific functional requirements. Tests are run in Continuous Integration Server.

***Conagra, Chicago, IL Dec 10 – Jan 12***

***Manual Tester***

Key member of the team involved in various phases of software development life cycle from inception to actual "GO Live" of the ecommerce site. Key member in automation testing of Order, delivery and Invoice management modules of the ecommerce site, implemented business components that provided inventory management, shipment / delivery tracking.

* Executed Manual and Automated tests and reports defects by running automated tests; executing manual tests; reviewing results of all tests and reporting anomalies into the defect tracking database; verifying the resolution of all defects for an assigned project.
* Worked for Point of Sale (POS), Order Entry, Production Management, Inventory Management, Warehouse Management System (WMS) and Customer Relationship Management (CRM) modules
* Prepared traceability matrix to ensure the adequate coverage of the test cases.
* Assigned, Monitored and Tracked Tasks of Team Members.
* Document POS and CAT defects, using the Microsoft TFS 2013 bug tracking system, and report defects to POS developer and as well as to Web UI developer.
* Updated Test Plans and Test Cases periodically to manage changes in requirements.
* Uploaded test cases executed test cases and logged defects in Mercury Quality Center.
* Maintained Traceability Matrix to track the requirements to the test cases to ensure complete test coverage in the Quality Center.
* Implemented Automated execution of tests (nightly and need based) using ANT and Jenkins.
* Completed SOA testing using SOAP UI and Java framework for Web services testing.
* Tested request and response XML based web services interfaces using SOAPUI.
* Involved in Web Services Testing using SOAP and REST based web services to create and execute automated functional, regression, compliance tests.
* Used Http Apache Client with various Http methods.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium Grid and Jenkins.
* Experienced in created POS button in Manage work station (MWS).
* Performed various testing like smoke, functional, System and GUI testing on POS system.
* Worked on creating test cases for data-driven framework for selenium web driver
* Performed manual testing of various test cases with respective test scripts on Selenium and generate analysis report with Quality Center.
* Conducted backend testing using SQL queries to validate data for database and Used SQL queries for retrieving data from database for executing user specific test cases.
* Closely involved with development team, maintenance team and business team regarding changing requirements, builds and releases.
* Responsible for fixing and maintaining regression automation test scripts for end to end testing using Selenium Webdriver (using Java).
* Designed and Developed UAT Regression automation script and Automation of functional testing framework for all modules using Selenium Web Driver.
* Install and configure System Administration packages to QA environment such as Python, and SQL

**EDUCATION:**

Bachelor’s in business Administrator from California state University 2009