AVINASH REDDY CHINTHAPALLY

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*PROFESSIONAL SUMMARY:*

* Over 11+ years of QA experience in Expertise in functional testing AUT using Selenium IDE and Selenium Web Driver using Junit/TestNG testing framework.
* Experience in Manual and Automation Testing of Web Services/Mobile Apps, Client Server and Web based Applications in different domains using QTP, SOAP UI, ALM and Selenium.
* Hands on experience in Quality Assurance including Functional, System, Smoke, Regression, and Integration, User Acceptance Test (UAT) and Compatibility Testing of Web and Client server based Applications.
* Object-Oriented development for IOS, Android and web automation frameworks, with Java, Cucumber, Selenium, Appium, Jenkins, Docker and Sauce labs.
* Built JavaScript based test framework using cucumber.js, web Driverio, node.js, angular.js.
* Involved in setting of QA Test environment with simulated POS test environment.
* Good Experience in testing the scripts usingCypress Automation tool
* Knowledge of Agile methodology along with Automation Tools and Protractor.
* Expertise in Manual and Automation Testing of Client/Server and AWS.
* Experienced in SQA (Software Quality Assurance) including Manual and Automated testing with tools such as Selenium RC/WebDriver/IDE/Grid, Hp Quick Test Professional and Junit/TestNG, Load Runner.
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using Quality Center, JIRA, BugZilla.
* Used Azure DevOps to log bugs and track tasks.
* Developed test scripts to automate process of testing in Protractor WebDriverJS.
* Created and Maintained Server side Integration Test using Python and Selenium Webdriver.
* Experienced in load and performance testing tool JMeter.
* Experience in Black box testing with a complete QA cycle from testing, defect log
* ing and verification of fixed bugs.
* Analyze the test for automatable scripts and script the tests in Appium framework using Java language for both Android and iOS.
* Used AWS to deploy the project on EC2 instance.
* Build and enhanced automated test framework using Cypress and Page Object Model Concepts.
* Excellent analytical, problem solving, communication and interpersonal skills along with a good attitude for learning.
* Proficient in Java and have sound knowledge on OOP (Obeject Oriented Programming) concept.
* Experienced with SOA, Web Services, SOAP, soap UI, RESTFUL, WSDL technologies.
* Exhaustive Experience in Designing & implementation of Automation Frameworks including TDD, BDD, data driven, keyword driven. And hybrid using Selenium WebDriver, JavaScript.
* Used Eclipse IDE to develop & debug the code.
* Experienced in using Rational Robot in Functional Testing.
* Experienced in using Test Management tool Quality Center.
* Strong knowledge in object oriented analysis and design.
* Worked on Azure DevOps (Visual studio Team Services) Confidential to manage a backlog for the daily activities.
* Experience understanding the code written in different programming languages VB Script, JavaScript and databases like Oracle, SQL Serb APIver.
* Extensive experience in using Automated tools like Ruby Customer test framework for Client/Server, Web and database applications
* Ability to document and track defects as well as produce detailed reports using defect-tracking tools such as JIRA.
* Proficient as Mobile App Tester in testing Web applications and Mobile applications on iOS and Android Platforms.

*TECHNICAL SKILLS:*

**Testing Tools :** Selenium Web Driver/IDE/Grid, HP Quick Test Professional(QTP/UFT)Maven,API(Postman,

Rest Assured, SOAP UI),Swagger, HP ALM, Test Rail, Appium (Ios & Android), JMeter, JIRA.

**Data Bases    :** Postgre SQL, SQL Server, Oracle

**CI/CD Tools   :** Jenkins, Git Hub, Docker, Kubernetes, Spark

**Cloud              :** AWS (s3 bucket, EC2, Dynamo DB, Lambda)

**OS                   :** Windows (XP, Vista & 7, 8, 10), Linux, Mac

**Languages     :** Java, Python, Vb Script, JavaScript, C

**Web Tech      :** HTML, XML, CSS

**Framework   :** Junit, TestNG, Cucumber, pytest, Data Driven/Modular/Hybrid Framework

*PROFESSIONAL WORK EXPERIENCE:*

**SEI, TX** [Mar2023- Present]

SDET

* Worked in AGILE environment and involved in sprint processes. Participated in daily scrum meetings.
* Created test cases and test plans for user acceptance testing and system testing based on functional specifications.
* Created Cypress projects in command line, and Bit Bucket repository to manage codes.
* Installed and configured SOAPUI using WSDL file, setting up the database connection, used Java for creating test scripts.
* Performed cross-platform, functional, regression testing, UI testing for mobile Native apps using Appium test automation framework.
* Migrated on premise applications to AWS cloud, designed and implemented disaster recovery plan
* Responsible for building the dashboards using the HTML, XML, Angular JS, CSS and Javascript.
* Worked on API Web-services applications, using SOAP UI tool, to create a Web Service Test from SOAP request and validate the response against the database.
* Created automated scripts for API testing using Core Java, TestNG framework.
* Developed a hybrid Automation Framework from the scratch in Selenium Web Driver.
* Used Firebug Tool to identify the Object's id, Name, Xpath, link in the application.
* Creation of Azure DevOps dashboards depicting build and release data
* Selected the Test Cases to be automated and performed functional testing of the front end using Selenium (IDE and Web Driver)& created Data Driven framework using JUnit.
* Executed parallel browser testing on various machines using Selenium Grid and performed cross browser testing.
* Built an automation framework from scratch using Cypress across multiple projects.
* Performed Mobile Testing in IOS devices and android devices with Appium.
* Working Knowledge of DevOps Tools like Git, GitHub, Jenkin, &AWS.
* Tested REST API and SOAP Services by using Postman and SoapUI tools and validated the responses against the database.
* Used to write Excel Macros to automate the data in MS Access and Pivot Tables.
* Build feature files for Cucumber steps using Acceptance Test-Driven Development (TDD) framework in selenium.
* Created and managed a Docker deployment pipeline for custom application images in the AWS cloud using Code Pipeline.
* Performed functional testing by executing the QTP Scripts from Test Director. Used Python to launch QTP scripts from command line for continuous integration testing.
* Performed data validation on the flat files that were generated in UNIX environment using UNIX commands as necessary.
* Implementing Java code for RESTful API/Web services in rest assured framework.
* Worked on validating HTTP Rest service of app in payment module, checkout, for Print and go module.
* Created adhoc Reports and Data Centric tests for to stratify business in testing SQL server environments.
* Performed End to end Testing (ETE) starting from the source to the report. Conducted and coordinated with integration testing and regression testing.
* Written complex SQL queries for validating the data against various kinds of reports generated by Business objects and query the DB2 database tables.
* Having experience in Appium automation, browser-stack.
* Analysing Test Results, Preparing Result mails and sending Status Mails on daily bases
* Risk assessment: Involved in risk assessment and prioritizing testing activities; carrying out regression testing after code changes.
* Responsible for prioritizing all issues using JIRA/ Bugzilla and arranging status calls to update the project team with consolidated excel reports on the status of bugs on a weekly basis
* Worked to give the Automation test conversion Estimations.

**Equitable, NY** [Aug 2011 – Dec2021]

Software Engineer in Test (Jan 21 – Dec 21)

* Analysed the system requirements and developed detailed test plans and test cases and provided the documentation.
* Collaborated with product management teams in an agile environment to develop a comprehensive set of tests for web applications.
* Developed PowerShell scripts for migrating applications from physical data centre to AWS cloud
* Configured Selenium Web Driver, TestNG, Maven and created selenium automation scripts in java.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium Grid and Jenkins.
* Developed and designed Azure DevOps pipeline to manage the resources across multiple subscription in Azure.
* Experience in Mobile/Tablet automation experience on IOS and Android devices using XCUI test with Swift and Appium with Java.
* Tested application compatibility for dynamic and static content under various cross browsers using HTML IDs and XPath in Selenium.
* Used Swagger to get REST API Specification and Documentation, Created and Tested Mock Service for the specification using SOAPUI Pro.
* Developed framework using TestNG, Page Object Model.
* Developed automation framework to test SOAP based Web Services using TestNG.
* Maintained and executed Maven build files for running automated tests.
* Used Maven to help manage project’s build, report and documentation across the network.
* Integrated Automation scripts (Selenium WebDriver API) on Continuous Integration tool Jenkins fortnightly batch run of the script.
* Verification of Frontend GUI Objects and elements.
* Reporting and prioritizing software bugs using Azure Devops, Test Manager, and Team Foundation Server, Jira.
* Implemented Appium scripts to test IOS and Android platforms.
* Hands on experience on working Cypress for angular application end to end testing.
* Developed automated script for back-end testing using Selenium RC.
* Created test cases, test data and performed Regression Testing and Selected Automated candidates and build Unified Functional Testing (UFT) Script from the scratch.
* Maintained Test Matrix and Project Matrix using an excel sheet to keep track of the Project's schedule and status.
* Familiarity with UAT for making website more user-friendly and for web-applications.
* Involved in writing SQL Queries for backend testing
* Knowledge of writing Junit tests using Junit framework.
* Experience in developing Selenium Web driver scripts using Java and JavaScript.
* Created an API automation framework using Jest/Request promise & web UI automation framework using Protractor , Mocha and Chai
* Performed REST API Testing using Apache Http Java Test Client for SOAP/REST web APIs.
* Used Maven tool for the Project management and for the purpose of compile, run, deploy and to add external dependencies.
* Developed automated Data Driven scripts to perform negative and positive testing of an application by providing different data.
* API test cases with different tools like selenium, Springboot and Java
* Tested the application in highly dynamic environment with sprint team using agile methodology.
* Reviewed all the Requirement documents, Functional Specification and Use Case documents and e-commerce.
* Used Test Director to store all testing results, metrics, implemented test plan document, created test cases, defect tracking and reporting.
* Responsible for Back-end API testing with SOAP UI and coding in Groovy and Javascript.
* Developed Javascripts to automate the test cases
* Automated the Regression Test Cases and Experience with testing REST APIs, Web & Database testing
* Created test cases using Groovy scripts for all the operations of web services and executed them in ready API.
* Automate regression testing using hybrid framework i.e., both data driven & keyword driven using Selenium Web Driver.
* Integrated with Continuous Integration tools Jenkins for running test on regular basis automatically.
* Integrated Automation scripts (Selenium Web Driver API) on Continuous Integration tools Jenkins for nightly batch run of the Script.
* Worked with Developers, Business analysts and Project managers to determine requirements (H/W specs, Test Cases, Test Data).
* Design and develop automation testing scripts and executed them to perform verification tests on application using Unified Functional Testing (UFT).
* Participated in daily, weekly meetings and technical reviews. Prepared reports showing the testing efforts.

QA Automation Engineer (Nov 15 – Dec 20)

* Creates automated test plans and individual tests for core product
* Defines comprehensive scenarios and variations in data to adequately perform testing
* Schedules and performs functional, integration, regression and release testing
* Submits defects and issues to development for correction, and retests once defects have been resolved. Tracks defects and casual analysis to closure
* Involved in both Manual and Automation Testing of API using Postman and Cypress.
* Able to meet aggressive deadlines and handle multiple complex projects
* Able to handle scripting across different technologies
* Involved in QA Docs (Test Plan, Scenarios, RTM, Test Case Design), Peer Reviews, Test.
* Designed & Implemented Test Automation Framework using Selenium WebDriver.
* Performed GUI functional testing manually for the application.
* Coordinates all DevOps and automation activities and all testers during each testing phase of a project or program.
* Expertise in Test Plan creation, Test Case Design, Test case Review, Test Case Execution, Writing Test scripts, testing tools Usage, Defect management, and Prepare Test reports.
* Experience in Agile and waterfall methodologies, Test Driven Development (TDD)
* Designed and reviewed the Test scenarios and scripts for given functional requirements and Automated test cases in Selenium.
* Coordinating with a security team and build enterprise Qualys scanner for entire production AWs servers.
* Developed automation test cases, executed these test scripts from test lab and logged defects in JIRA/ALM.
* Used SOAP UI tool to test SOA based architecture application to test SOAP services and REST API.
* Functional and regression testing of .net applications is done using Selenium.
* Generated automated scripts using Selenium and documented them, created and maintained functional & regression test suites.
* Crafted automation test scripts from the scratch in Type Script, Cypress Framework and select appropriate tests for automation.
* Configured Selenium Web Driver, TestNG, Maven tool and created Selenium automation scripts in java using Testing prior to next quarter release.
* Created and maintained automated test script for API testing using Restful.
* Performed API Level testing for web services, enhanced the Test harness and Test suite.
* XML / SOAP using Soap UI and Postman tool.
* Used micro services architecture with spring boot based services through a combination in AWS Cloud Formation.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex SQL queries from SQL Server.
* Designed data-driven testing in Selenium and captured data dynamically from web controls.
* Performed Functional, System and Regression Testing on web and mobile applications at various phases of the Project life Cycle.
* Actively involved in STLC process and used tools like Selenium RC/Web driver, SOAP UI.
* Setup /Installed and Configured Selenium IDE.
* Used Selenium WebDriver API to automate tests.
* Perform browser compatibility testing of application under various cross browsers (Safari, Firefox, IE, Chrome) using HTML IDs and XPATH in Selenium WebDriver.
* Involved in implementing logging and tracking using Jira.

Sr.QA Analyst (Jul 14 – Nov 15)

* Building and developing automation framework from scratch using Selenium WebDriver, JAVA, and Cucumber (BDD)
* Developed Automation framework implementing Page Object Model, using JAVA, Selenium Web driver and Cucumber
* Performed BDD (Behavior Driven Development) using Cucumber Features, Scenarios and Step Definitions in Gherkin format
* Using Maven for build management, and Jenkins for Continuous Integration of the builds
* Developed test scripts in Karate for API Automation and validated against database using JDBC connectivity
* Assessing and analyzing user stories and participating in Sprint planning, Review Sessions & Scrum Meetings, developing Test scenarios, Test cases, Test data, Test procedures
* Using Selenium WebDriver to run test cases in multiple browsers and cross Platforms
* Performing UI, Functional and Regression testing by automated using Selenium WebDriver, Cucumber Maven, and Jenkins
* Integrating Automation scripts (Selenium WebDriver API) in Continuous Integration tools (Jenkins) for nightly consignment run of the Script
* Utilizing JIRA as defect tracking tool on the project
* Examined the Business Requirements Document (BRD), designed Test cases and Test scripts for the application under examination
* Designing the test scripts and analyzed the results in various levels of the application including integration, regression, functional and acceptance testing using Selenium
* Implementing Regression and Smoke test execution as a discrete step of the deployment process by using Selenium WebDriver
* Delivering back end testing for data validation using SQLite and executed SQL Queries on database tables to verify the database
* Active participation in Stand-up meeting, weekly automation meeting with all other QA, weekly assessment meetings with scrum master, business analysts, and developers

QA Manual Tester (Aug 11 – Jun 14)

* Created and executed Test Plans, Test Cases, and Test Scripts for various projects based on Business and Functional Requirements and Design Review Documents.
* Conducted various types of testing like Functional, Usability, Security, Navigational, and UAT Testing using both automated scripts and manual methods.
* Developed automation test scripts using Selenium WebDriver, JUnit with Java, and TestNG annotations in Selenium Web Driver in Python.
* Applied test automation framework on the CI/CD process using Jenkins.
* Performed REST API Testing using Http Java Test Client for SOAP/REST web APIs and Web service Testing and XML validation using SoapUI.
* Performed Data Driven Testing of web service using Data Source and Data Loop.
* Conducted Database Testing by passing SQL Queries and retrieved information from the Database.
* Used Quality Center as the overall Test Management Tool for Defect Reporting, Analyzing, Tracking, and Report Generation.
* Managed AWS S3 buckets and object policies using IAM and S3 bucket policies and created MFA for accidental deletion.
* Performed API Testing using Cypress Automation and Postman.
* Performed Defect tracking in QC and linked defects via traceability to specific test cases.
* Attended project meetings, release meetings, and QA status meetings.
* Initially involved in creating a Manual Test Cases in Quality Center. Tests were grouped into test plan and executed. Results were recorded and published to management.
* Test API’s for Credit Quest product and Cloud/Azure based API’s through a custom API interface Performed REST API Testing using Http Java Test Client for SOAP/REST web APIs.
* Performed database testing by passing SQL Queries to retrieve data.
* Developed test scripts to automate the process of testing in SeleniumWebDriver.
* Performed the testing of RESTful web services for mobile apps for the using SOAP UI.
* Created Test Sets to do Functional and Data Driven Testing on the Webservice.
* Performed Database Testing by passing SQL Queries and retrieved information from Database.
* Defect Reporting, Analyzing, Tracking and Report Generation using HP ALM/QC.
* Quality Center was used as the overall Test Management Tool, where scripts were located and stored under respective Project Folders.