CY

Chaitanya Y

+1 7323855536

Chaitanya949422@gmail.com

SUMMARY

- I have around 7+ years of experience in the IT Industry Developing and Testing web-based applications and UI applications. Profound experience with manual quality assurance and automation testing procedures.
- Experience in SDLC and STLC including Requirement Analysis, Prototyping, Design, Implementation and GUI based applications and extensive experience with Agile SCRUM methodology.
- Automate web applications testing using Java, Selenium WebDriver and Selenium GRID.
- Experience in Data Driven, Hybrid, Page Object Model (POM) patterns using Selenium WebDriver, TestNG, Java and Maven. REST API testing using SoapUI, POSTMAN, Apache HTTP Client, TestNG, JAXB and JSON parsers (JACKSON and GSON).
- Proven ability in developing Test Automation using Cucumber for Behavioral Driven Development (BDD), Gherkin scripts and writing Step Definitions for behavior in Selenium using Java binding.
- Worked with Playwright codegen, utilities, API, fixture, and custom fixture.
- Proficient to leverage the power of Playwright's multi-browser support to ensure maximum test coverage and compatibility across different browsers and platforms.
- Tested applications across multiple platforms (Web and Windows) Threat Profiling, False positive elimination, Vulnerability testing, Penetration testing, Web crawling, port scanning, sql injections, xss injections, etc.
- Experience in Manual and Automated testing of software applications using Selenium WebDriver and perform different types of testing such as Functional, Integration, System, User Acceptance and Regression Testing.
- Extensive experience in preparing Test Strategy, Test plan, Test scenarios, Test cases, and Test Scripts based on User requirements and System Requirements Documents.
- Good experience in designing and executing the SQL queries to ensure the data integrity and to perform the backend testing.
- Experience in designing and executing data-driven test scenarios using C# and RestSharp, facilitating testing of different input combinations and data states.
- Developed and maintaining hybrid framework, Integrated framework for API and UI automation framework using Selenium webdriver with C#, BDD Specflow, XUnit and page object model.
- Strong expertise in writing C# test scripts using popular test frameworks and libraries such as NUnit, MSTest, xUnit, or SpecFlow, ensuring the accuracy and reliability of test scenarios.
- Experience to leverage Azure infrastructure to create and manage test environments, enabling parallel test execution, scalability, and cost optimization.
- Used JIRA as a bug management tool and SVN/ Git for version control and MAVEN for Build management tools.

- Used Continuous Integration/Continuous Delivery (CI/CD) tools Docker, Azure Pipeline, Jenkins to integrate and deployment for incremental development.
- Excellent technical, analytical, problem solving skills, strict attention to details and ability to work independently and with the team environment.
- Executed SQL queries to validate the data at the backend.
- Excellent interpersonal and communication skills. Good documentation and process management skills with ability to effectively understand the business requirements to develop a quality product.

SKILLS

- **Languages/ Scripts**:Java, JavaScript, TypeScript, C#, SQL, Perl, XML, HTML, CSS
- **Web Automation Tools/Frameworks**:Selenium WebDriver, Playwright, Cypress, Cucumber, TestNG, JUnit, XUnit, Apache POI, Apache HTTP Client, SoapUI, POSTMAN, Insomnia
- **API Tools/Technologies**:SOAP, REST, GraphQL, JAXB, JSON (JACKSON, GSON), Rest-Assured, RestSharp
- **Bug Tracking Tools**:Bugzilla, Rally, JIRA, ALM

- **Testing Methodologies:**System Testing, Reliability Testing, Feature Testing, Acceptance Testing, Functionality Testing, Regression Testing, Agile Testing, Build Acceptance Testing, Go-Live Testing
- **Databases:**Oracle SQL, MySQL, MSSQL, MongoDB, Cosmos DB, PostgreSQL
- **Project Management Tool:**JIRA, Confluence, Azure DevOps
- **Operating Systems:**Linux, UNIX, Windows, Mac, iOS

EXPERIENCE

Software Development Engineer in Test
TN
Charter Communications/ Nov 2020 to Current

- Worked with Business Analysts and Developers for requirements review and developing Test Scenarios.
- Hands-on experience in setting up and configuring Azure DevOps for continuous integration and continuous deployment (CI/CD) pipelines.
- Strong understanding of Azure cloud services and architecture, including virtual machines, storage, networking, and security.
- Worked on running tests against serverless application as mock testing, testing in the cloud like Azure, and emulation testing.
- Analyzed Business Requirements, use cases and worked on automation and manual testing of the application.
- Responsible for all types of tests like Functionality, User Acceptance Testing (UAT), browser compatibility testing, Integration testing and Regression testing.
- Involved in creating Java based scripts using Selenium WebDriver with TestNG as automation framework.

- For reports used Extent report and reading the file used XLS reader.
- Created the modern Web UI & mobile automation framework using TypeScript Playwright, Jasmine, Allure reports.
- Implemented the Playwright fixtures like page, context, browser, request and some custom fixtures in test scripts.
- Used Playwright Emulation with Viewport, permissions, Geolocation, User Agent features.
- Configured SonarQube, TSLint and JSON Reports for Unit and Component tests.
- Experienced in designing, developing and maintaining automated test scripts using python such as integration tests, UI tests etc.
- Ability to perform API testing using Python with Postman.
- Used Python for automation of admin tasks.
- Familiar with testing frameworks like Mocha, Jasmine, or Jest, which can be integrated with Playwright for assertion.
- Experience in performing cross-browser testing using Playwright and tested to ensure consistent behavior across different browser environments.
- Involving in creating Test Cases and Test Scenarios to meet product's business requirements.
- Created scalable and reusable framework for supporting unit and API Component tests.
- Created the Jenkins pipeline jobs for regression and smoke suites using Docker, Git, and Jenkins.
- Performing the Cross-Browser Testing on IE, Firefox, Safari and Chrome.
- **Environment**: Agile, JIRA, Selenium Web Driver, C#, Playwright, XUnit, Python, Java, Rest-Assured, , JavaScript, Typescript, CSS, C#, XML, Cucumber, Web Services, SoapUI, SOAP and REST APIs, Azure SQL DB, Azure Functions, Oracle SQL, Confluence and Jenkins.

SDET / Automation Test Engineer
Plano, TX
Wells Fargo/ Aug 2018 to Mar 2020

- Using Angular 6 services, object-oriented JavaScript, jQuery, HTML, and CSS3 were used to build the reusable service components.
- Designed and constructed a hybrid framework that integrated Cypress-designed API automation framework and UI automation framework.
- Writing and running integration, regression, and acceptability test scripts in Cypress.
- Created a Cypress and Mocha data-driven framework for a new single-page application.
- Ran the scripts in cross-platform testing on Mac, Unix, and Windows, as well as on Firefox, Internet Explorer, and Chrome.
- Implemented JWT (JSON Web Tokens), OAuth, or other authentication protocols, authentication and authorisation procedures in GraphQL APIs.
- Used the Insomnia graphQLClient to check the graphQL API's schema, types,

queries, and mutations.
- Utilizing JMeter, load and performance testing was carried out.
- Created and carried out JMeter-based performance test scenarios, simulating various load circumstances and examining system behavior.
- Realistic user actions were added into complicated test scenarios that were scripted using JMeter's scripting language
- Performed load, stress, and endurance tests to assess how well the system performed under various workloads.
- Utilizing Appium, test plans were carried out on the web and on mobile devices (IOS and Android) in accordance with specifications.
- Implemented Selenium-based test automation in C# using the Page Object Pattern, creating and running extensive test cases to confirm the functionality, dependability, and user experience of the application.
- Used XUnit to create C# unit tests, assuring the accuracy and integrity of each software component and spotting and fixing bugs early in the development cycle.
- Solid expertise with Appium mobile testing in both iOS and Android emulators and simulators.
- Used Postman, REST Assured, and TestNG for REST API Testing while working on API and Web Service Testing.
- Utilized Azure technologies including Azure Active Directory, Logic Apps, and Azure Functions to automate testing procedures and decrease manual labor.
- Used GitHub to maintain Bitbucket's version control system.
- Used JIRA and ALM to record the application's flaws, mistakes, and inconsistencies.
- Created test cases for testing the user interface, functionality, and navigation.
- Used the Pyramid Testing Model and included unit test mockups.
- Jenkins Build job set up for continuous integration and deployment.
- Utilizing Docker, Git, and Jenkins, unit, component, regression, and smoke suites are integrated into each build.
- Participated in the development of a framework for unit tests using Karma and Mockery.
- Post-execution integration of JIRA Zephyr testcases and Jenkins reports.
- Participated in product owner, BA, and RCA meetings for product enhancement.
- Contributed to the services, commission, and charge structures for clients.
- Taught the other QA members how to build up the frameworks and Integrations.
- Involved in the Defect Review Meetings, build meetings and release meetings to resolve outstanding issues.
- **Environment**: Angular 6, JavaScript, Cypress, jQuery, Java, C#, XUnit, Mockery, Protractor, TypeScript, WebdriverIO, Mocha, emulation testing, BDD Cucumber, Appium, GraphQL, Insomnia, REST Assured, RestSharp, Rest

API, Postman, JSON, Visual Studio Code, Selenium WebDriver, TestNG, POM, Maven, JMeter, GitHub, Jenkins, Jira, ALM, Docker, AWS Cloud, Windows 10, Oracle.

Software Engineer
India
HARRIS PSPC/ May 2016 to Jul 2018

- Worked in an Agile Kanban setting where the feature set and requirements were constantly changing.
- Proficient in leveraging Appium to create mobile automation frameworks.
- Worked in collaboration with project managers to address risk issues and guarantee security system compliance when creating and executing automated test scripts for web application testing using Selenium WebDriver based on business rules and annotated documents.
- In charge of performing unit and TDD testing on front-end code.
- Automated test case execution, reported flaws in Jira, and executed test cases.
- End-to-end, integration, consumer, and smoke testing experience with UI and API.
- In charge of implementing the Page Object Model (POM) with Java, Selenium WebDriver, and TestNG.
- Participated in the development of the Test Automation Framework for the Java platform using the Selenium WebDriver, BDD Cucumber, and Maven technologies.
- Implemented Selenium Web-driver to conduct Regression Tests concurrently across a variety of platforms and browsers.
- Applied Selenium Grid to the cross-browser testing
- In charge of recording the outcomes of automated tests using REST Assured for web services.
- In charge of maintaining and updating the automation framework I created grunt scripts to deploy test environments, connect to an Oracle DB server, read excel/Jason files, load shared data from a MongoDB, run cucumber and protractor tests, and set up a selenium grid connection on an AWS or VCAC computer.
- Developed POCs using the E2E UI and API hybrid architecture.
- Used Protractor to test Angular JS-written web applications.
- Assisted in resolving JavaScript/jQuery performance and functionality bugs.
- Used GIT to document and track issues and provide thorough reports using Jira.
- Used build technologies like Maven and Jenkins to build and regression automated tests into CI workflows.
- **Environment**:Selenium WebDriver, Microservices, BDD Cucumber, Appium, POM, TestNG, Postman, Rest API, REST Assured, Angular 6, Java Spring Boot, JavaScript, jQuery, Java, Mockery, Protractor, TypeScript, Mockito, Mocha, JSON, Visual Studio Code, Maven, JMeter, GitHub, Jenkins, ALM, Jira, Docker,

Oracle.