**Bharath Donthineni**

 **QA Manual and Automation Test Engineer** **db1181733@gmail.com**
 Contact: +1 734 -648-6559

 **Canton, MI**

 **Available to work immediately and willing to relocate across the US on day 1. Only C2C roles**

**PROFESSIONAL SUMMARY:**

* Around 9**+ years of extensive experience** in analyzing, designing, and implementing QA testing strategies for web, mobile based, and client/server applications using both **manual and automation testing tools**.
* I am proficient in a wide range of testing types, including **GUI testing, web testing, regression testing, UAT, functional testing, box testing**, and **documentation/reporting.**
* I am skilled in using UI automation tools such as **Selenium, Playwright, Browser Stack, Cucumber**, and **TestNG**.
* Strong experience in database testing for applications using **SQL Server, Oracle, DB2, Cloud DB**, and **MS Access**.
* Knowledge of **cloud technologies** including **AWS, Azure, GCP, Kubernetes, Docker**, and **cloud storage**.
* Practical experience with **Microsoft Azure cloud**, including network configuration and setup for testing environments.
* In-depth experience in **Selenium automation** using **WebDriver** and **Selenium Server**, with core development in **Java, JUnit**,
* Proficient in multiple programming and scripting languages: **Java, Ruby, Groovy, Python, C#, JavaScript, VBScript, JSON, HTML, XML**, and **SQL**, across **Windows, Mac, and UNIX environments**.
* Experienced in **requirement and use case analysis**, test planning, scripting, execution, defect tracking, retesting.
* Expertise in test automation using **Selenium WebDriver/RC/IDE/Grid**, **HP QTP/UFT**, and **Mercury Quality Center.**
* Strong knowledge of **JUnit, TestNG** for unit testing, **Maven, Gradle, Ant** for builds, and **Jenkins .**
* Deep understanding of **functional testing** of AUT using Selenium IDE and WebDriver integrated with **JUnit/TestNG.**
* Conducted functional testing of SOAP and **REST APIs** with **SOAP UI**, validating request/response **payloads**, **headers**.
* Skilled in **bug severity analysis, tracking, and reporting**, prioritizing issues based on urgency using tools like **HP ALM, Bugzilla, JIRA, ClearQuest**, and **Test Director**. Regularly shared status reports and collaborated with teams to resolve issues.
* Expertise in performance testing with **JMeter** for analyzing scalability and responsiveness.
* Conducted **code reviews** and followed best practices in **Java and Python** programming.
* Created and validated **RESTful API collections in Postman**, contributing to a reusable automation testing framework.
* Utilized **Rest Assured** to develop and execute robust API test suites, ensuring endpoint functionality and data accuracy.
* Applied **BDD methodology** in automation frameworks using **Cucumber with Gherkin syntax**.
* Designed and implemented **Keyword-Driven, Data-Driven**, and **Hybrid Automation Frameworks**.
* Led test efforts in **Agile/Scrum** sprints, monitored progress in **Microsoft Test Manager (MTM)**,
* Strong in **business requirement analysis** and creating **Requirement Traceability Matrices (RTMs)**.
* Implemented automated DBFit tests to verify backend database functionality and data accuracy.
* Mobile testing experience across platforms using **Appium, Cucumber**, and native apps on **iPhone, Android, iPod, J2ME,**
* Proficient in writing advanced **XPath** using **Firebug** and **Fire Path**, and building robust locator strategies (XPath & CSS).
* Collaborated with **Business Analysts** to review BRDs and SRDs; coordinated closely with **Developers** for defect resolution.
* Demonstrated expertise in **manual testing and mobile automation testing using Appium**.
* Utilized **Playwright** to address modern web app challenges, achieving reliable test coverage and automation outcomes.
* Experienced in writing **SQL queries** to validate backend data and ensure integrity across systems.
* Proficient in version control systems including **Git**, **GitHub**, **SVN**, and **TFS**, with strong experience in managing code repositories, branching strategies, and collaborative workflows.
* Excellent **interpersonal** and **analytical** skills; strong team player with the ability to work independently under pressure.
* Experienced in using **Git** and **GitHub** for efficient source code management and version control.
* Worked closely with **Developers and DevOps teams** to integrate automated test scripts within **CI/CD pipelines**.
* Created robust automation suites integrated with **Git, Jenkins**, and **Docker** for streamlined testing.
* Led tasks like **requirement analysis, effort estimation, resource planning**, and overall application review processes.
* Proficient in **navigation commands**, handling **web-based alerts/popups**, and browser automation.
* Involved in **end-to-end testing of Angular applications** using **Protractor, Jasmine, Mocha, Chai**, and **Karma**.
* Used **TestNG Data Providers** to implement data-driven testing with dynamic datasets.
* Generated detailed QA reports using **TestNG and JUnit**, supporting informed release decisions.
* Reviewed and transformed **Business/User Story documentation**, contributing to stakeholder-aligned wireframes.
* Tracked and verified requirements throughout the development life cycle using **RTM**.
* Developed RESTful APIs using **Fast API and SQL Alchemy**, reducing response latency by 35%.
* Automated daily ETL pipelines using **Pandas and Airflow**, processing 2M+ records per batch.
* Proficiency with **Oracle Application Testing Suite (OATS)** including Oracle Functional Testing (OFT)
* Strong understanding of ERP business processes related to **Procure-to-Pay, Order-to-Cash, Inventory, General Ledger, Accounts Payable/Receivable, and Fixed Assets**
* Experience in test data creation, automation frameworks, and defect management tools (e.g., HP ALM, JIRA)
* Proficient in **Oracle Application Testing Suite (OATS)** for automating test scenarios across Oracle E-Business Suite modules
* Strong understanding of **Supply Chain Management (SCM)** and **Finance** business processes in ERP systems, including Procure-to-Pay, Order-to-Cash, and General Ledger.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Defect Tracking Tools** | Quality Center (9, 10, 11.0), HP Quality Center, Bugzilla, JIRA, Team Foundation Server (TFS 2008, 2010, 2012). |
| **Frameworks** | Cucumber, Data Driven, Keyword Driven, Hybrid, Page Object Model (POM) |
| **Programming Tools** | JAVA, JavaScript, Angular JS, Gherkin, SQL, C, C++, UNIX Basics, SQL scripting, VB Script |
| **Web Technologies** | HTML, AJAX, XML, Json, jQuery, JavaScript ES6, CSS, Angular JS, Angular, Node JS, React JS, JSF, JSTL, DOM, JAXB and JAXP. |
| **Databases** | MySQL, Oracle, SQL Server, PLSQL, NoSQL, DB Visualizer, MONGODB, MS Access, MS SQL Server, Triggers, View, Criteria and Toad, Postman |
| **Browsers** | Internet Explorer, Mozilla Firefox, Google Chrome, Safari, Opera |
| **Big Data Tools** | Hadoop, Hive, Spark |
| **ETL Tools / UML Tools** | Informatica, Autosys, MS Visio, MS Project, UML |
| **AWS** | EC2, RDS, S3, ELB |
| **Versioning Tools/ IDE/ OS** | GIT, SVN, Eclipse 3.3,3.4,3.5, NetBeans 6.0, IntelliJ, UNIX/Linux, Windows, IBM Rational Application Developer (RAD 6.0,7.0,7.5), Windows 2003 Server, UNIX, Windows  |
| **Testing tools** | Selenium Web Driver/IDE/GRID, JUnit, TestNG, Cucumber, Firebug, Fire Path, SOAPUI, Postman, Rest Assured, Jasmine, Karate, Cypress, Perfecto Mobile, Appium, Zephyr. |
| **IDE Tools** | Eclipse, STS, Spring Boot, IntelliJ, Maven, Gradle |

 **Kmart
Lead Software Development Engineer in Test (SDET)**  **Jan 2023 to Present**

**Responsibilities:**

* Executed pivotal roles in **System**, **Integration**, **Regression**, and **Data** **testing** for the Desire2Learn (D2L) application within an **Agile** **development** **framework**. Proficiently managed test execution, **defect** **tracking**, and coordinated efforts.
* Developed a robust **automation** **framework** and crafted test scripts utilizing **JavaScript**, Selenium WebDriver, **Java**, **Selenium** Grid, **Cucumber**, and **Maven**. Successfully executed and maintained the test scripts to ensure **comprehensive** test coverage.
* Collaborated closely with the **Product** **team**, **Designers**, and **Developers** to guarantee the application aligns with specified requirements and meets user expectations.
* Conducted detailed analysis of **Business** **Requirement** **Documents** (**BRD**) and **Functional** **Specification** **documents** (FSD) to meticulously formulate Test Cases in alignment with the Test Plan and Use Cases. Actively participated in review meetings to enhance comprehension of the applications.
* Worked in the **agile** environment with frequently changing requirements and features set.
* Prepared **Test Plans, Test Scripts and Test Cases** based on functional specifications and user requirements.
* Participated in **SDET (Software Development Engineer in Test)** for automated test cases and the frameworks execution.
* Played a crucial role in **Mobile** **Device** **Management** (**MDM**), overseeing all stages from requirement gathering, development, and testing, ensuring seamless coordination across the MDM lifecycle.
* Developed and maintained automated **regression** testcases in **Selenium WebDriver** using **Java** and **Junit Framework**.
* Performed Data driven testing using **Selenium WebDriver, Junit functions** and **JDBC Connections** which reads data from scripts using property and **XML** files.
* Implemented the setup of **Kafka** **Message** **Queues**, Topics, and the **Kafka** **Environment** through the utilization of Chef scripts, streamlining the process for efficient configuration.
* Developed a BDD-based automation framework using Selenium WebDriver and Cucumber to enhance collaboration between QA, development, and business teams.
* Utilized **AWS** **cloud** services to establish secure, scalable, and compliant infrastructure, ensuring the seamless deployment of financial applications and enhancing data privacy.
* Created **modular and reusable Cypress commands** to streamline test development and reduce code duplication.
* Proficient in utilizing **Postman** to conduct thorough testing of various service calls, demonstrating expertise in crafting, and validating API requests to ensure robust functionality and data integrity.
* Tested **Appium**, **Espresso**, and **Perfecto** for comprehensive testing of both Web and Native applications, automating mobile testing across various applications in alignment with specified requirements.
* Built predictive models using **Scikit-learn and XGBoost**, achieving 92% accuracy.
* Implemented Page **Object Model Pattern (POM)** based Keyword Driven **automation testing** framework utilizing **Java, TestNG and Selenium Web-Driver.**
* enhancing expertise in testing tools like **Rest** **Assured** and **BlazeMeter**, adapting to varied testing needs and ensuring versatility in handling diverse testing scenarios.
* Involved in integrating the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Developed automated test scripts utilizing UI automation tools and frameworks, including **Espresso** for Android and **XCUI**Test for iOS. Specialized in designing scripts tailored for mobile applications, ensuring coverage of critical healthcare workflows.
* Utilized **Karate** to execute HTTP requests, validate responses, and conduct diverse assertions, taking advantage of its straightforward and expressive syntax.
* Created and executed software test plans, cases and scripts using latest Test Management tool by **Microsoft Visual Studio .**
* Designed **data-driven testing** framework in Selenium and captured data dynamically from web controls.
* Executed test plans on web and mobile platforms (iOS and Android) based on functional and business requirements
* Worked with Developers, as necessary, and repaired bugs, tracked software problem reports using Team Foundation Server.
* I have expertise in developing and maintaining server-side **integration** tests using **Python**, **Selenium** WebDriver, and **Java**.
* Experienced in load and performance testing tool **JMeter** to gauge the performance of **client**/**server** applications.
* Designed and Developed **UAT Regression** automation script and Automation of functional **testing framework** for all modules using **Selenium and WebDriver**. Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.
* Created the test data and request for the test data dependent with the other applications to be used in the testing activities for the current release and created **DBFit** tests for querying the database.
* Utilized a variety of test tools for test case automation, generating comprehensive test reports Conducted extensive Web Services testing using SOAP UI and utilized the **SOAP** UI tool to test **SOAP** services and REST API in **SOA**-based architecture.
* Leveraged **Playwright** to create automated test scripts for responsive web applications and minimizing human error.
* Demonstrated expertise in **Playwright's** capabilities, including cross-browser testing and parallel execution, enhancing the efficiency and reliability of automated testing processes.
* Performed **Continuous Integration** of code and scripts using **Jenkins**, **Maven** and **TestNG**. Configured and launched builds using **Jenkins** jobs and analyzed the Test Results from **Jenkins UI**.
* Performed **Smoke, Functionality, Integration, System, Regression tests** based on Analysis, and understanding of the requirements, end-user needs. Prepared **test cases, test data and test responsibility matrices** for the application under test.
* Used **GIT** as code repository and **Code Collaborator** to manage code reviews.
* Utilized Ruby scripting with Cucumber Framework, writing and executing SQL queries to verify data updates across tables.
* As part of **compatibility** **testing**, executed the workflow manager web application related test cases on different browsers different **Operating** **Systems**. Ensured a seamless user experience by identifying and addressing **cross-browser** discrepancies.
* Involved in regression testing using **QTP tool** prior converting QTP scripts to Selenium web-driver.
* Implemented and worked on **Acceptance Test Driven Development** (ATDD) **agile** methodologies completing releases.
* Performed defect reporting and bug tracking using **JIRA** and followed up with development team to verify bug fixes.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex SQL queries from **SQL Server** andImplemented thorough analysis to ensure data accuracy and integrity in the testing process.
* Actively participated in walk-through, inspection, review, and user group meetings for quality assurance with BAs, SM Developers.
* Ability to analyze functional specifications and identify test coverage gaps.
* Developed and executed end-to-end automated and manual test cases for Oracle EBS SCM and Finance modules using OATS
* Collaborated with cross-functional teams to validate ERP workflows, ensuring accurate integration across supply chain and financial systems.
* Experience in identifying defects, logging issues, and supporting resolution throughout the software development lifecycle.

**Environment**: Selenium WebDriver, Selenium Server, Grid, Apache POI, Java, HTML, CSS, X-path, SQL, Maven, SOAPUI, Postman, Restful, JSON, Appium, Android, IOS, Cucumber, Gherkin, Protractor, Mocha, Chai, TestNG, Aws, S3, EBS XML, Log 4j, Share point, Agile, Jira, Jenkins, Oracle.

**State Farm Insurance
Senior QA Automation and Manual Engineer**  **April 2023 – Dec 2023**

**Responsibilities:**

* Designed and developed Data Driven framework which is a Hybrid framework for automation scripts using **Selenium WebDriver**, **Cucumber**, **BDD**, **Apache POI** and **TestNG**.
* Involved in **Agile testing**, reviewed the stories and participated in **Daily Scrum** and **Release Planning meeting**.
* Reviewed the **Product Backlog**, Functional Specifications Document and Technical Documentation.
* Experienced in preparing the Software Test Plan which includes analyzing requirements during the requirements analysis phase of projects using **JIRA**. Also, wrote System Test Procedures and conducted lab dry runs to maintain their accuracy in software.
* Utilized Karate framework to perform **HTTP requests**, validate **API responses**, and execute assertions.
* Implemented **API tests** in Karate leveraging its built-in authentication mechanisms, including **token-based** and **basic auth**.
* Developed and maintained automated test scripts using Katalon Studio, contributing to improved test coverage, execution speed, and defect detection.
* Performed comprehensive end-to-end testing on **POS** **systems**, validating transaction **flows**, **terminal interactions**, and payment processing accuracy.
* Implemented **Page Object Model (POM)** framework using **Python** and **Selenium** to enhance test automation maintainability and scalability.
* Applied **Rest** **Assured** to rigorously validate API endpoints, ensuring the smooth functionality of **payment** gateways, order processing, and **inventory** management systems, thereby enhancing the overall user experience.
* Assisted in the development and maintenance of automated test scripts using **Cypress**.
* Automated test cases using **XCUITest** framework, enhancing test efficiency and repeatability.
* Integrated **QTP/UFT** and **Cypress.io** into the test automation suite to extend test coverage for certain application modules and enhance end-to-end testing capabilities.
* Executed performance tests using **JMeter**, by adjusting the number of virtual users to simulate different **load** levels.
* Utilized **AWS** to implement elastic computing, efficient **storage** solutions, and robust content delivery, optimizing website performance, scalability, and user experience.
* Utilized **Appium**, a top-tier mobile automation tool, to craft and implement automated test scripts for this project, ensuring consistent performance and user satisfaction across a variety of **mobile** **devices**.
* Displayed adeptness in **TypeScript**, exemplified by proficiency in **JEST** and **CYPRESS**, bolstering the overall testing process.
* In depth understanding of Object-Oriented Programming and skilled in **Selenium developing** automated test scripts.
* Lead for software manual testing, interface testing and automation testing using **Testcafe** and Selenium.
* Created test automation framework from scratch using **Cucumber** with Page Object Model **(POM)** using Java language. Developed User Stories using Java in **Behavior Driven Development** for User Acceptance Testing.
* Performed Regression testing after each build release of the application and updated the scripts by executing the Regression suites built using **Selenium** and approve for **Regression Suite**.
* Responsible for installation and automate functional testcases using **TestCafe** node.js using TypeScript.
* Assisted in mentoring and training new QA engineers in **UIAutomator2** and mobile app testing best practices.
* Configured **Jenkins** built job for **Continues Integration** and for **Regression Testing**.
* Used **JUnit** and **TestNG** as testing frameworks, and **Maven** for project build and dependency management.
* Used **SVN** source control repository tool, where Java and Selenium test source code and resources are maintained.
* Pulled code and tested code which is up to date from **GIT-HUB SCM** using **GITHUB** commands on Windows Machine.
* Used Protractor for End-to-End Testing of **Angular** **application**. Used **Mocha Test** Framework and **Chai** Assertions.
* Experience in **Core Java concepts** such as OOP Concepts, Collections Framework, Exception Handling, **Multi-Threading**, **JDBC** and generated test logs using **Log4j** for various log levels. Understanding coding in **C++, HTML, CSS, JavaScript.**
* Hands on experience in using **Apache POI** to extract data from external sources to operate locators into the test script.
* Involved in designing data driven framework for reading the data from excel sheets using **Apache POI library and Junit.**
* Expert in checking build by using **Maven** as well as can run test suite in cross browser or **parallel browser testing.**
* Used **Jenkins** for contentious integration and **GitHub** for version control management.
* Use **Maven** for checking build and use **Jenkins** as **CI**. Manage Automation project with **Maven Build tool.**
* Develop Automation framework from scratch using **Maven**, **TestNG** with java programing language.
* Performed functional testing of **SOAP** and **RESTFUL** Web Services using **SOAPUI** Tool.
* Scheduled and prioritized work and plan a sequence of testing activities that accomplish the planned.
* Implemented **test data management** using custom fixtures and environment configurations for various test environments.

**Environment**: JIRA, Selenium WebDriver, Appium, JMeter, API, JUnit, TestNG, Maven, Jenkins, Fire Path, Firebug, HTML, Internet Explorer, Chrome, Mozilla Firefox, Cucumber, Gherkin, Java, UNIX, Linux, Windows XP, JavaScript, XML, Excel, SQL, Windows.

 **Mercantile Bank**
 **Senior QA Automation and Manual Engineer** **May 2021 – March 2023**

**Responsibilities:**

* Responsible for the delivery of the projects and to ensure the team following **Automation standards.**
* Designed and implemented automation test cases using **Selenium WebDriver**, **Java**, **JUnit**, and **Maven**.
* Utilized **Selenium Grid** to execute test cases across multiple browsers and platforms for parallel and **cross-browser testing**
* Responsible for implementation of **Hybrid Test Automation Framework, Page Object Model** using **Selenium WebDriver.**
* Developed **Selenium WebDriver and JAVA framework** by preparing Test Plan, Test Estimation, Test Strategy, Metrics, and Implementing **Data Driven Framework** based on project needs and configured framework.
* Experienced in Agile software development with a strong focus on Scrum practices for iterative and collaborative product delivery.
* Performed compatibility testing across multiple browsers and operating systems by creating and executing automated test scripts in UFT, ensuring consistent application behavior.
* Designed and deployed **Dockerized Python microservices** on AWS ECS using CI/CD pipelines.
* Good Knowledge on **DevTest** in managing release and Test Cycles, Plan and assigning test tasks to the team and submitting the product defects within a single application.
* Utilized **Rest** **Assured** to meticulously test and validate API interactions, ensuring the integrity of patient data, adherence to healthcare standards, and seamless communication between diverse **healthcare** systems.
* Configured **Selenium Web Driver, TestNG, Maven** tool and **created selenium automation scripts** in java using **TestNG**.
* utilized **AWS** cloud capabilities to build HIPAA-compliant solutions, facilitating secure and compliant storage.
* Used **CA Service Virtualization** to test in parallel for faster delivery, higher application quality, reliability and created automated test suites using **CA Lisa** for testing the APIs with Virtualized as well as live integrated environments.
* Used **SOAP UI tool** to test **SOA** based architecture application to test **SOAP services** and **REST API** and Involved in services testing using and Postman. Worked closely with the platform team for every new service that the plan to tag and release.
* Performed the manipulation of **XML request** files while sending a SOAP request and asserted the **XML response** from the server.
* Designed and maintained DBFit test pages to automate regression testing, validating backend data integrity using structured SQL queries
* Performed web services testing with **SOAP UI** by validating request and response for **XML, JSON** files.
* Performed data driven testing by using **JDBC** and **Groovy script** as a data source in **SOAP UI** and configured **SQL queries**.
* Used **Cucumber, Appium, Robotium, XCode** for Native Mobile Application automation testing for **iOS and Android platform**.
* Created **RTM Matrix**, ensured the Test Planning, Flows are capturing and covering all the Functional/Non-Functional requirements.
* Utilized **LoadRunner** and **JMeter** to execute multi-user performance tests, contributing to online monitors within the **LoadRunner.**
* Designed **Hybrid Appium** Test automation framework for the application **(Android apps)**.
* Expertise in performing manual testing **(emulators & IOS Simulators)** & Mobile Application Testing using Appium.
* Involved in Mobile Testing includes App Testing. Test automation for web application using **SEE TEST, RENOREX**.
* Building and scaling **Ruby on Rails** applications with **Agile processes** and **write clean, modular, and clear Ruby code**.
* Tested asynchronous AJAX-driven web components using Jasmine for unit testing and Protractor for end-to-end automation in Angular applications."
* Efficiently reported test creation, execution, and defect status by generating detailed reports and graphs from MS Team Foundation Server (**TFS**) and Microsoft Test Manager (**MTM**), facilitating informed decision-making in the testing process.
* Developed automation test scripts for **client -server and web-based** applications using **Python, Silk**.
* Responsible for **backend** (DB) testing post-ETL job initiation, involving analysis of intermediate files, and validating the transformation of initial source data in the database. Executed SQL queries and DMLs to convert data from **flat** files.
* Experienced in Cucumber automation framework with Gherkin syntax, using Ruby for test scripting, and applying ATDD, TDD, and BDD methodologies.
* Executed test scripts, documented defects, and verified fixes using **JIRA, Squish** Defect tracking tool and **QC/ALM**.
* Wrote SQL Queries for **backend/ETL** testing ensuring comprehensive validation and integrity of data processes.
* Used in using **GitHub/ bamboo** for any code change and package merging to the test environment.
* Facilitated user acceptance testing **(UAT)** with business users by utilizing my strong domain expertise.
* Participated in the initial **KT Sessions** from the client along with the business analysts to get the understanding of the application**.**
* Optimized test performance by implementing **parallel test execution** and **test retries** using Cypress Dashboard.

**Environment:** Selenium WebDriver, Jenkins, Cucumber, SOAP UI, Maven, Appium (Android), TestNG, Quality Center, Firepath, Firebug, Eclipse, XPATH, Java, Android, SQL Server, JMeter, Protractor, JIRA, Squish, AngularJS, GIT

**Trinity Health**

**QA Automation and Manual Engineer.**  **May 2019 – April 2021**

**Responsibilities:**

* Determined testing requirements developed and reviewed scripts for positive and negative test scenarios, and generated reports.
* Developed and **implemented** robust UI **automation** **frameworks** using tools such as Selenium **WebDriver**, TestCafe, or **Appium**, ensuring efficient and scalable test automation for web and **mobile** **applications**.
* Participated in **Agile** development methodology, tracking and reporting defects in **JIRA**, and collaborating with **developers**.
* Developed automation test suites and test scripts using Selenium Web Driver, **TestNG** and **Maven**.
* Configured Selenium **WebDriver**, **Test-NG**, **Maven** tool and created Selenium automation scripts in java using **Test-NG.**
* Performed **mobile** testing with **Appium** for web and native apps, including both **automated** and **manual** testing.
* Setup Jasmine and Selenium/IDE for unit and functional testing. Run Unit tests with **Jasmine-Karma.**
* Automated System Testing for trading transactions, exchange operations and payment methods using selenium WebDriver, **C#.**
* Used **Apache POI** for the data driven test cases and developed Automation test scripts with **QTP** based on various use cases.
* Coded scripts for testing the test cases and made enhancements for modified scripts using **Quick Test Professional (QTP).** Understanding **business** **requirements**, design documents and test plans for functional, automation **(QTP)** and integration testing.
* Involved in Creation of Plan approach, High-&Low-Level design documents, Test Data Management sheet for **Service Virtualization.**
* Extensively used **ETL** methodology in testing for supporting data extraction, transformations and loading processing, in a corporate-wide-ETL solution using ETL tools like **Informatica.**
* Executed test scripts and generated reports using the **Protractor** and **Cucumber.**
* Participated in sprint grooming sessions & discussed the scenarios & use cases with the development team.
* Implemented simulator for Mobile App Testing in **Android** Platform and **iOS** Platform using **Appium** **.**
* Performed **Accessibility Testing** by voice over for IOS device and manually by keyboard navigation testing so that blind people can use the application with tab sequences and enter keys.
* Conducted **E2E** manual and automation tests for all environments using **Cucumber** Ruby, **Selenium** IDE/RC and Jenkins.
* Developed a comprehensive collection of RESTful services in **Postman**, ensuring the creation of a robust testing suite. Proficiently validated responses to guarantee the reliability and accuracy of the implemented services.
* Tested **API's** / **Web Services (SOAP**) for various functionalities and modules of the application using **SOAP UI** and Webservice.
* Coded dynamic and browser compatible UI web pages using **JavaScript**, **CSS3**, **HTML5, jQuery**, **Ajax,** and responsive design.
* Performed web services testing with **SOAP UI** by validating request and response for **XML, JSON** files.
* Evaluation tool and prepare proof of concept for tool like **HP quality center**, **QTP** and **MTM,** Microsoft visual studio 2010 Test professional and **Coded UI** test.
* Logged and managed defects using **Microsoft Test Manager (MTM)** defect management tool.
* Applied the Page Object Model (POM) design pattern in test automation framework to enhance code reusability, readability.
* Utilized HP UFT for Regression testing, performed **DDT** designed verification points, and developed effective automated **QTP.**
* **CSS/HTML/Navigation/JS/Cookies/Browser** and OS Compatibility/Webpage performance to validate end-to-end automated testing and debugging using Selenium IDE.
* Utilized **AWS** CloudFormation for **infrastructure** as code in insurance projects, streamlining the **deployment** and management of resources, and ensuring consistency across different environments.
* Conducted data-driven testing in **SOAP** **UI**, using **JDBC**, **Groovy** **script** as a data source, and configuring SQL queries to fetch data.
* Tracked and reported defects in **JIRA** and coordinated with developers until they are resolved.
* Used **HP Quality Center** as repository for requirement analysis, design test cases.
* Maintain the Selenium automation code and resources in source controls like **Git, SVN** over the time for new features.
* Created Test Scenarios and planned and executed both positive and negative test scenarios.
* Actively participated in daily **Scrum meetings** and involved in bi-weekly Sprint releases.
* Worked closely with Production Managers, Technical Managers in planning, scheduling, and executing **performance** tests.
* Designed **test** **plans** and defined cases for functional, integration system, and **user** **acceptance** **testing**.

**Environment:** Selenium, Java, C#, Eclipse, QTP, Junit, Maven, Appium, Scrum, SOUPUI, SQL, VB Script, JIRA, HP Quality Centre.

**QA Automation Engineer**

**GlobalLogic, Hyderabad, India**  **May 2017 – April 2019**

**Responsibilities:**

* I performed a detailed analysis of the **Business Requirements Document**, contributed to the **test plan**, and formulated comprehensive **test cases** for the testing of new functionality.
* Participated in product design reviews to provide input on **functional requirements**, **product designs.**
* Designed, developed, and maintained **TestCafe** test scripts for **web** **applications**.
* Worked with **Product**, **Design**, and Engineering teams on requirements gathering and evaluation.
* Performed **Regression testing** to make sure that the operations staff can see the aircraft-to-ATC communication in clear text.
* Extensive Knowledge in **Agile Methodology** and participated in **Sprint planning**, **Sprint Retrospective**, **Product Backlog**.
* Automated regression testing with **Selenium** **WebDriver** and Selenium **Grid** for multi-device testing.
* Confidential ended stand-up calls on daily basis and had two-week **Sprints** in **Agile Methodology**.
* Tested **Angular** Application with **Jasmine testing framework** and **Protractor**. Used TypeScript for automation.
* Implemented automation using **Selenium Grid** to perform testing on multiple devices.
* Application Screenshots are captured using **TakeScreenshotAs** and copied the images whenever an exception occurs.
* Handled various **Alerts** using different methods such as dismiss, accept, **getText** in effective way depending on the requirement.
* Responsible for developing the scripts to support **Jenkins (Continuous Integration)** of the scripts with the build server.
* Developed Test Scripts to implement **Test Cases**, **Test Scenarios**, and features for **BDD** (Behavior Driven Development), **TDD** (Test Driven Development) using **Cucumber** in **Gherkins** format.
* Used **GitHub** to maintain and manage the build scripts, test data used, and other documents related to the project.
* Implemented **TestNG** unit testing framework for the **smoke test** and used all Annotations in **TestNG** effectively.
* Extensive experience using **JIRA** for logging, tracking, and managing bugs, as well as collaborating in **Agile** environments.
* Worked on **Data Driven/Page Object Model Framework** and extracted data from external Excel files using **Apache POI** and loaded into the variables in the scripted code.
* Conducted functional testing of SOAP and RESTful APIs with SOAP UI, validating request/response payloads, headers, and status codes.
* Performed **Mobile Testing** of **Android** based Apps using **Appium**. Connected Real Devices with **Espresso**.
* Used Mobile Testing Tools **Perfecto Cloud Tool,** **SeeTest**, **Browser Stack**, **Sauce Labs**, **Appium**.
* Performed **Cross Browser** and parallel testing to test the applications are working as in **different browsers.**
* Strong experience in performing various testing types including **Smoke**, **Regression**, **System**, and **User Acceptance Testing** (UAT) to ensure software quality and stability.

**Environment:** Java, Selenium, Selenium Grid, Jasmine, TestNG, Angular, XPath, Eclipse, Data Driven and Page Object Model Framework, Cucumber, SoapUI, Appium, Protractor, Maven, Perfecto Cloud Tool, MYSQL, Oracle, Maven, Jenkins, Agile/Scrum, Gherkin, Scrum, Agile.