Bharani B

# Profile Summary

* Having 8+ years of IT experience in Quality Assurance in both **automated and manual testing**, focusing on UAT and test automation.
* Skilled in all phases of **Software Testing** and **Software Development Life Cycle (SDLC)** including experience in **Agile Methodology/SCRUM** environment.
* Knowledgeable in best practices in **Quality Assurance (QA) and Automated** Testing.
* Adroit in writing clear and re-usable automated and highly parameterized test scripts to ensure extensive test coverage.
* Solid knowledge of **Java** and **Python** programming languages, Object-Oriented qualities and its practical implementation in creating Automated Testing Framework.
* Proficient in writing **behavior-driven Cucumber Features**, **Scenarios** and **Scenario Outlines** in **Gherkin** format.
* Skilled in using various **Selenium** locators to handle dropdown menus, input boxes, alerts and pop ups, as well as managing dynamic Web Elements and pages.
* Expertise in implementing **Page Object Model**, **Page Factory** and **Singleton** design pattern in **automation test framework** for organization, optimization and maintainability.
* Performed **cross browser, cross platform** web testing using **Selenium Web Driver** and **Selenium Grid**.
* Experience in using **Continuous Integration/Continuous Delivery (CI/CD)** tools like **Jenkins**, **Browser Stack**, **Maven** and **GitHub**
* Experienced in Implementation and working with **Selenium WebDriver**.

## Proficient in **Cypress**, **Selenium**, and other test management and bug tracking tools

* Good experience in working with **TestNG Framework** and generating TestNG Reports.
* Experienced in working with automation projects using **Page Object Model** and **BDD Cucumber** framework.
* Experience in creating **XPATH** of dynamic page elements to be used in functional automation scripts.
* Good experience in using **Maven** build automation tool.
* Experience with testing various web APIs and webservices such as **REST and SOAP** using tools like POSTMAN, HTTP client instances, Rest Assured, and SOAP UI and validated the responses in **XML and JSON**.
* Experience in using **MySQL, Oracle** database.
* Good Experience in using tools like **JIRA** to maintain test cases and reporting defects.

## Conducted comprehensive mobile application testing on both **Android** and **iOS platforms**, utilizing tools like

**Appium and Selenium**, ensuring cross-device compatibility and robust performance

## Strong communication and interpersonal skills, with a background in **Agile/Scrum** methodologies.

* Worked extensively on performing **System Testing, Smoke Testing, Regression Testing, and User Acceptance Testing**.
* Proficient in different forms of testing like **Manual Testing, Unit testing, Integration testing, Regression testing, Security testing, Performance testing, and Non-functional testing**.
* Experienced in Defect Management Tracking, Establishing Test Standards, Guidelines, Procedures, Test Execution, Documenting and Analyzing Test Results. Depth knowledge of **Defect management tools and Bug Reporting Tools**.
* Highly experienced in coordinating with multiple teams, defects triaging and assisting **UAT test teams**.

# Technical Skills

* **Technology Stack:** JAVA, Selenium, Cypress, Appium, TestNG, Maven, POM, JIRA, Postman.
* **Programming Skills:** Java, JavaScript, Python, C#, .Net
* **API Tools**: Postman, REST Assured, SOAP UI
* **Database:** Oracle, MY SQL, MS SQL Server, MongoDB, PostgreSQL.
* **Cloud Environment**: AWS (EC2, S3, ELB, RDS), Azure
* **Front-End Technologies**: HTML, CSS, JavaScript, ReactJS
* **Frameworks:** POM, TestNG, BDD Cucumber, Hybrid
* **Continuous Integration Tools:** Jenkins, GitHub, CICD pipelines.
* **Web Services:** Rest, SOAP
* **OS:** Android, iOS, Windows, Linux, and Mac
* **Project Management:** Confluence, MS-SharePoint, Google Docs.

# Certifications

* SDET Certified (Agile, Selenium, Java, DevOps, Rest Assured, Cucumber)
* Microsoft Azure Fundamentals AZ- 900
* Developing Microsoft Azure Solutions AZ 70-532

# Education

* Graduated master’s at University of Memphis, Tennessee - 2024.
* Graduated bachelor’s at MVSR Engineering College, Telangana, INDIA - 2016

# Key Project Summary

**Client: David J Joseph Company May 2024 – Till Date**

**Dallas, TX**

**Role: QA Engineer**

* Implemented a POM based automation-testing framework utilizing Java, TestNG and Selenium WebDriver.
* Analysis, design, develop, document, and maintain automation testing framework utilizing JAVA programming language and SELENIUM Web driver along with TestNG and Page Object Model.
* Raise defects and assist developers in debugging, reproducing defect and re-test defects that are fixed. Record and track application Issues in Jira.
* Log SQL Queries for backend Database testing involving data validation and data update. Also utilize JDBC for connecting java automation setup with SQL Server for automating the process.
* Perform Agile Testing, review stories and participated in Iteration Planning, Release Planning meeting, daily scrum, sprint planning, grooming, review, and retrospective meetings.
* Involved in executing test scripts in parallel using TestNG and Azure Selenium Grid Utilized Azure VMs for execution.
* Utilized Maven as build tool.
* Work on test environment setup and creating test scripts for Web UI and API services testing.
* Involved in automating SOAP and Restful web services test scripts using RestAssured in Selenium.
* Implement different utilities like Bitbucket, Bamboo for tracking and executing test suites. Track changes in project files and effectively coordinate and integrate work.
* Engage in team meetings and discussions to gather, analyze, review, and document requirements.
* Work with Scrum teams to coordinate testing and to translate User Stories and Acceptance criteria into detailed test cases. participate in daily meetings, planning & Review and retrospective meetings.

**Environment:** Selenium WebDriver, TestNG, My SQL Workbench, BitBucket, Azure Selenium Grid, Swagger, SQL Developer, Bamboo, JIRA, Fitnesse and Git Extensions.

**Client: Angi Aug 2023 - May 2024**

**Dallas, TX**

**Role: QA Engineer**

**Responsibilities:**

* Implemented a POM based automation-testing framework utilizing Java, TestNG and Selenium WebDriver.
* Involved in working on a project where we implemented BDD (Behavior Driven development), TDD (Test Driven development) using Cucumber framework with Java, JUnit and Page Object Model.
* Experience with source version control tools such as Git, SourceTree.
* Configuring the Appium for the Mobile Android Native App using Selenium.
* Developed test code in Java language using Eclipse, IDE framework.
* Performed manual functional testing for system change requests, defects, and requirements.
* Perform Agile Testing, review stories and participated in Iteration Planning, Release Planning meeting, daily scrum, sprint planning, grooming, review, and retrospective meetings.
* Attended the daily Bug review meetings, weekly status meetings and walkthroughs and interacted with Business Analysts and Developers for resolving Defects.
* Coordinated with developers and recorded defects in JIRA to track until they are resolved.
* Involved to test the application database data by writing the SQL queries.
* Involved in testing of services using SOAP/REST services using SOAPUI, Groovy Script.
* Developed BDD tests using Cucumber by writing behavior and step definitions & developed required Selenium support code in Java for Cucumber.
* Setup the Automation Framework using Selenium Web Driver, Eclipse, and TestNG to run test cases in multiple browsers and Platforms.

**Environment:** Selenium WebDriver, Jenkins, Java, TestNG, JIRA, Cucumber, SOAP UI, Maven, Appium, Selenium IDE, TestNG, Quality Center, Firepath, Firebug, Eclipse, AWS, JSON/XML, XPATH, SQL Server.

**Client: CMETS Informatics Oct 2021 - Jul 2022**

**Hyderabad, INDIA**

**Role: Senior Software Engineer**

**Responsibilities:**

* Understood the Business requirements, Application and function specifications, Design documents.

## Coordinated with Leads and DevOps teams to achieve a 97.5% CI/CD automation test pass rate.

* Involved in writing and designing templates for the Test Plans, Test cases and Conducting Test definition Meetings.

## Involved in developing a Test Automation framework and implemented Page Object Model with BDD using Cucumber, Spec Flow, TestNG, and Maven.

* Created Selenium test scripts for automated testing and used Postman for API testing.
* Involved in Automation of Manual Test Cases using Selenium with C#.
* Execution of automated test scripts using JMeter based on business/functional specifications.
* Used Jenkins for CI/CD and test reports of automation jobs.
* Created and used automated script to ease complex workflow.
* Taking reusable test cases and implementing the Automation Test scripts using Selenium.
* Worked on the API automation scripts for execution of Functional Regression suite using selenium and Java.
* Performed Functional testing as well based on the development team needs whenever necessary.
* Performed Testing in different env like dev, QA 2, QA4, UAT, Pre-prod.
* Performed Mobile testing(iPhone, iPad, Android, Mobile Web), Web Services testing, Backend testing.
* Performed regression testing, Negative testing, E2E testing, cross browser testing.
* Perform Agile Testing, review stories and participated in Iteration Planning, Release Planning meeting, daily scrum, sprint planning, grooming, review, and retrospective meetings.
* Executed test suites on Sprints and reporting and keep tracking of bugs on JIRA bug tracker.
* Involved in defect reporting and tracking using JIRA bug tracking tool.
* Participate in meetings and discussions with the team to understand, analyse, review and document requirements.
* Always communicate with developers and attend defect assessment meetings to resolve issues.
* Creating documentation support and training guides in Confluence.
* Involved in Testing of Services.

**Environment:** C#, Selenium WebDriver, TestNG Framework, GIT Hub, Jenkins, Maven, JIRA, REST API, XPATH, HTML, JavaScript, Postman.

**Client: TBANK & FICO Nov 2019 - Oct 2021**

**Hyderabad, INDIA**

**Role: Software Engineer**

**Responsibilities:**

* Writing Test Scenarios as per the requirements of the project.
* Developed an advanced API automation testing framework, reducing testing time by 30% and increasing defect detection by 20%.
* Preparing Test Cases after Test Plan and Test Design & Review from the business.
* Identifying Test cases to Automate from Manual test cases.
* Created ETL test scripts and complex SQL queries for data verification.
* Worked on In Sprint Automation for converting Manual test case into Automation using Java & Selenium.
* Used C# concepts of Object-oriented Programming like Abstraction, Polymorphism, Inheritance, and Encapsulation.
* Handling End to End testing flows at module level and Regression Testing Suite.
* Perform the build and maven dependencies using Maven build tool.
* Execution of test cases Manual & Selenium Automation and proper logging, tracking, retesting, and closure of defects in JIRA.
* Maintain continuous test integration and automatic build by using Jenkins and Involve in generating and maintaining test status Jenkins reports and update to QA manager and team on timely basis.
* Knowledge of BDD Cucumber framework.
* Good Experience in API Testing using REST and SOAP.
* Conducted test suites during sprints and tracked and reported bugs using the JIRA bug tracker.
* Attending Daily Scrum calls and Sprint Retrospective/Review Meetings.
* Experienced in Linux environments, adept with command-line tools and proficient in shell scripting.
* Testing of Web services with Postman tool and Testing of UI using Selenium with C#.
* Involved in automation framework development.
* Coordinating and working with globally distributed teams.
* Coordinating with offshore teams and other teams for Project Management, Status and support for other teams.

## Implemented CI/CD processes using Jenkins, performed functional and regression testing.

* Developed Test scenarios and Test cases and performed Manual Testing.
* Developed a Page Object Model within TestNG Framework for Selenium WebDriver Automation TestScripts.
* Involved in a grouping of Test Cases for Smoke Tests to ascertain the crucial functions of the application.
* Involved in the complete Integration with Jenkins and GIT.
* Proficient in all phases of the Test Life Cycle from test planning to defect tracking and managing the defect lifecycle.

**Environment:** C#, Selenium WebDriver, TestNG Framework, Selenium Standalone Server, GIT Hub, Jenkins, Cucumber, Maven, JIRA, REST API, XPath, HTML, CSS, JavaScript, SoapUl, Postman, MY SQL.

**Client: *Synechron*/ CEMBRA Oct 2017 - Nov 2019**

**Hyderabad, INDIA**

**Role: Test Engineer**

**Responsibilities:**

* Developing automated test scripts for every Scenario identified and involved in running with Selenium Web Driver using Selenium, Cucumber for Iteration Testing.
* Worked under Agile methodology, participated in sprint planning sessions, scrums, sprint demos and sprint retrospective meetings and provided the team with all the information required for successful completion of the sprint.
* Executed the automation regression test cases during every release and executed the daily regression test suites.
* Extensively worked with End-to-end testing for User Acceptance Testing (UAT) coordinating with Project Test leads, project Business Leads and the Third-Party Vendors.
* Import web service operations using WSDL URL and validate in SOAP UI.
* Created Test Scripts in SoapUI and Restful for Testing Web Services.
* Develop automation framework both Data driven and Hybrid using Selenium Web Driver in Cucumber and performing unit testing by using JUnit.
* Used Git as code repository and Code Collaborator to manage code reviews and creating projects and assigning ownerships for the team.
* Experience in using the TestNG framework.
* Worked with Requirement Analysts to define test cases, test plans, test data ensuring accurate coverage of business and functional requirements.
* Used Selenium Web driver with Page Object framework for Automating Front-End UI.
* Participated in Dev/Test pairing for complex scenarios.
* Good knowledge on Linux environment and commands for running a job in ETL perspective.
* Experience with API testing using Postman.
* VSTS was used to maintain the version and source control. Team Foundation Server was later replaced for the maintenance of the source files.
* Reviewed test cases with the Business and Development team and revised test cases based on the feedback provided.
* Developed Test scenarios and Test cases and performed Manual Testing.
* Managed and executed the test process, using Agile Methodology and coordination and daily communication with the team to develop use cases.
* Proficient in Agile and Waterfall methodologies.
* Skilled in reporting and tracking defects using the JIRA bug tracking tool.
* Responsible for scheduling Automation Scripts using Jenkins.
* Developed training materials for onboarding and tracking project progress.
* Logged bugs found during Iteration testing into Track Record.
* Did show and tell every iteration on the cards worked with Project Business Leads.

**Environment:** IE8, Chrome, Firefox, Selenium Web driver, Java/Eclipse, SQL Assistant, Docker, Jenkins, GitHub, Accessibility Testing tools JAWS.

**Client: Aetna Jul 2015 – Oct 2017**

**Hyderabad, INDIA**

**Role: QA Tester**

**Responsibilities:**

* As a member of Scrum team, actively participated in meetings and employed Scrum Methodology in testing.
* Created manual and automated test cases based on Functionality Specifications Document and Software Requirements Document.
* Extensively implemented quality procedures for every stage of the project life cycle.
* Designed and automated Test Cases using Selenium WebDriver and Java programming language
* Performed extensive Web-Based Manual Testing and involved in UAT environment and production environment.
* Collaborated with development and UAT team to clarify design specifications, test requirements and implement defect resolutions.
* Worked closely with an international team of developers and testers to analyze newly reported bugs and provide complete test cases.
* Create test approach and test cases for logging module. Review and analyze the existing test scripts and perform code reviews on a timely basis.
* Proficient in defect reporting and tracking using JIRA bug tracking tool.
* racked and reported upon testing activities, including testing results, test case coverage, required resources, defects discovered and their status, performance baselines.
* Efficiently logged and tracked defects using Jira.
* Involved in Regression, Integration, Functional and Smoke Testing.
* Prepared the data to cover various scenarios and wrote SQL scripts to verify the database updates, inserts and deletion of the records.
* Analyzed the Regression run results and provided detailed analysis for the root cause of the failure.
* Participated in usability testing of the application and workflow involving multiple functional modules and features.
* VSTS was used to maintain the version and source control.
* Experience in Agile and Waterfall methodologies.
* Created Training documents for onboarding and project progress.
* Used MS Excel to write test cases and used QC plugin to upload test cases from Excel to HP QC.
* Performed back-end testing with complex queries using SQL and Oracle RDBMS.

**Environment:** Java, Selenium, Maven, TestNG, Jira, Oracle DB, HTML, CSS, GitHub