Ravi Teja

**Sr. QA Automation Engineer**

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**Professional Summary:**

* 10 years of experience in Software Quality Assurance Analyst and Software Testing of web based and client server applications in different domains like Health Care, Travel & Hospitality, Automobile, Transportation, Banking etc.,
* Extensive working experience on all phases of Software Development Life Cycle (SDLC), its methodologies such as Agile, SCRUM and Waterfall Model.
* Expertise in analyzing business specifications and developing Test Plans, Test Metrics, Test Scripts, Test Cases, User Stories and executing them.
* Involved in System and Automation Test plan, Test scenarios for the project by using FRS (Functional Requirement Specification) and SDS (System Design specification) for various types of testing like Manual, Black-box, Integration, Backend, Regression, exploratory, User Acceptance Testing and Verification & Validations.
* Involved in developing end to end automation using Selenium WebDriver/Grid, Junit/TestNG, Maven, Jenkins, Cucumber, Web Services (REST, SOAP).
* Extensively worked with Selenium WebDriver/ IDE for testing web applications.
* Developed the Selenium Test cases with Data Driven, Selenium Page Objects Model Frameworks using: Selenium Web Driver, TestNG, Log4j and Maven
* Expertise in automating software testing using Selenium Web Driver.
* Involved in Mainframes transformation application.
* Worked on Data Driven framework to maintain test suite.
* Well versed with Java Testing Framework Test NG.
* Hands on experience in creating automated test suites of Behavior Driven Development (BDD) using Cucumber, Data Driven Framework (Excel and Apache POI), Keyword Driven Framework and Page Object Model.
* Knowledge on mobile framework using Appium.
* Experience in Object Oriented Programming (OOPs).
* Developer framework using cypress to automate UI and java script, Node js and NPM for JavaScript based user interface.
* Solid technical scripting experience working with API Test Suites, Automate using Groovy, Selenium, TestNG, Cucumber, Maven, Git & Jenkins Knowledge on BDD Cucumber, Cypress & Playwright
* Build and enhanced automated test framework using Cypress and page object Model concepts.
* Created Cypress projects in command line and Bit Bucket repository to manage codes.
* Worked on version control tools like GIT, GitLab and CI/CD using Jenkins.
* Responsible for Analysis and Defect Tracking using Azure Devops, HP ALM, Rally, Jira and Bugzilla.
* Worked on monitoring logs and creating Splunk dashboards, alerts, reports generation.
* Proficient in Back-end Database Testing and writing SQL queries using Oracle and SQL Server.
* Knowledge on Automated Web Services using SOAP UI and RESTful Services.
* Performed restful API testing using rest Assured, test NG and Maven.
* Have effective working relationships with business/client team to understand requirements, develop tactical and strategic plans to implement technology solutions to meet customer/business expectations.
* Excellent Communication, Interpersonal, and Team Player Skill, Quick Learner and Self Starter, strong organizational and multi-tasking skills.

**Technical Skills:**

**Programming:** JAVA, Shell scripting, XML, JSON, Python, JavaScript.

**TestingTools**: QC/ALM, Azure Demos, Selenium WebDriver/Grid, Appium, cypress, Cucumber, JIRA, ,Zephyr Scale,Rally, log4j, Confluence, JUNIT, TestNG, SOAPUI, Postman, Splunk,API testing, Playwright, Cypress.

**Build/CI Tools:** Ant, Maven, GitHub, GitLab, SVN, Jenkins

**OperatingSystem**: Windows, Android, iOS, Linux and UNIX

**Browsers**: Internet explorer, Mozilla Firefox, Google Chrome, Safari.

**EDUCATION:**

Bachelor of Technology in ECE 2011 passed out, Acharya Nagarjuna University, Andhra Pradesh, India.

**Professional Experience:**

**BCBS, FL Sr. SDET LEAD QA Automation Engineer Nov 2021- Present**

**project description:**

Blue Cross Blue Shield Association (BCBS, BCBSA) is a federation, or support organization, of, in 2022, 34 independent and locally operated BCBSA companies that provide health insurance in the United States to more than 115 million people.[2][3] It was formed in 1982 from the merger of its two namesake organizations: Blue Cross was founded in 1929 and became the Blue Cross Association in 1960, while Blue Shield emerged in 1939 and the Blue Shield Association was created in 1948.

**Responsibilities:**

* Responsible for implementation of Hybrid Test Automation Framework, Page Object Model, Data Driven, Keyword Driven, Apache POI using Selenium Web Driver, Test NG, and Java.
* Configured Selenium WebDriver, TestNG and Maven tool and created Selenium automation scripts in Java using TestNG.
* Involved in creation of automation framework in Selenium WebDriver.
* Integrated Automation scripts (Selenium WebDriver API) on Continuous Integration tools Jenkins for nightly batch run of the Script.
* Performed GUI, Functional and Regression testing by automated using Selenium, TestNG, Maven, and Jenkins.
* Performed Data driven testing using Selenium WebDriver, TestNG functions and JDBC Connections.
* Involved in design and implementation of Selenium WebDriver automation framework for smoke and regression test suites (TestNG and Maven).
* Developed BDD framework tests using Cucumber by writing behaviors and step definitions.
* Identify and prioritize manual regression test scripts feasible for automation.
* Mobile framework development using Appium.
* Involved in testing of CRM application as part of third-party integration.
* Involved on writing complex SQL queries for backend testing.
* Automating the REST APIs using Rest Assured in Java and Postman.
* Created and maintained automation test scripts for the Scrum User Stories.
* Involved in developing the features, scenarios, step definitions for BDD (Behavior Driven Development) using Cucumber and Gherkin.
* Used GitLab for Version Control and Source Code Management.
* Integrated with Continuous Integration tool Jenkins for running tests on regular basis automatically.
* Execution of automated Test Scripts through Maven and used for building the Web Driver project.
* Experience in using Jenkins as a Continuous Integration server to configure with GitHub and Maven.
* Performed lead activities and supervising the team.
* Involved in KT sessions for newcomers in the team.
* Captured results, consolidated and shared across the teams and maintain defect triage.
* Leading and mentoring offshore team management.
* Conducted Automation involved meetings and weekly status meetings for the defect fixes and regression testing.
* Performed Regression Testing at various phases of development life cycle for impacted existing functionality.

**Environment:** Java, Azure Devops, Selenium, Power Builder, Maven, Git hub, Jenkins, Rest Assured, Cucumber, JSON, TestNG, Postman, SQL, IntelliJ, Zephyr Scale, Confluence.

**Masters Card-O’fallon, Missouri Sr. LEAD QA Automation Engineer/ Oct 2019- Oct 2021**

**project description:**

Masters Card business is to process payments between the banks of merchants and the card issuing banks or credit unions of the purchasers who use the "Mastercard" brand debit and credit cards to make purchases.

**Responsibilities:**

* Extensively involved in all stages of testing life cycle, Test Driven Development methodologies and Software Development Life cycle (SDLC) using Agile, Scrum methodologies.
* Develop and maintain automated regression testing framework using Cypress.
* Build an Automated Testing Pipeline with GitLab CI/CD to run smoke and regression tests.
* Develop automated test scripts (functional, usability, regression, integration, end-to-end) using various test automation tools, such as Cypress and JavaScript.
* Automate test cases using Cypress.io, Cucumber and JavaScript.
* Hands on experience on Playwright testing for end to end test framework for application.
* Write automation scripts for API testing using Cypress.io.
* Integrate Cypress dashboard with GitHub project repository to provide timely and useful test run information within pull-requests via status checks and pull-request comments.
* Configure Cypress dashboard with team slack channel to post test results
* Configure Cypress dashboard with team slack channel to post test results
* Create nightly jobs to run the automated tests on daily.
* Mentor the team and individuals on best automation practices, design, and implementation.
* Analyze test results, identify, and track bugs and issues arising during the testing life cycle using JIRA.
* Record testing practices and procedures in on-going business documents.
* Meet with product owner and project stakeholders about project progress.
* Reviewed code to identify SQL changes to improve system performance.
* Used Maven to manage Project's build and dependencies and Jenkins for deployments to environments.
* Extensively worked with Version Control Systems GIT

**Environments:** Cypress.io, JavaScript, Cucumber, Gherkin, APT, Git, Jira, Agile.

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**General Motors, FL Sr. QA Automation Engineer Sep 2018- Oct 2019**

**project description:**

General Motors brings collective passion for engineering, technology and design to deliver on this ambitious future. And the bold commitments we’ve made are moving us closer to realizing this vision

**Responsibilities:**

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* Involved in Designing & developing data driven framework using Selenium Web Driver, TestNG and implemented Java to send the regression result automatically.
* Configured selenium grid in order to execute the parallel script.
* Involved in creating automation test suites for progression & regression testing in Postman. The messaging formats included REST based clients with XML payload.
* Automated functional Ready API test suites with a combination of SOAP and REST services Worked on scripting validations using groovy scripting.
* Validated xml and Json body using Json parser
* Involved in creating automation test suites for progression & regression testing in Soap UI. The messaging formats included REST based clients with XML payload.
* Tested The Rest calls (POST, GET, PUT, DELETE Methods) using POSTMAN and Playwright.
* Used Firebug to do web-based testing with selenium for the commands and locator application.
* Status reporting and test updating in Quality Center/ALM.
* Conducted integration testing ensuring seamless interaction between software components.
* Used Maven to manage Project's build and dependencies and Jenkins for deployments to environments.
* Extensively worked with Version Control Systems GIT.
* Performed functional testing with Selenium, defined various checkpoints to verify results and performed tests using test driven data.
* Worked on Selenium GUI Object / element verification is done through XPath locator.
* Developed an extensive test suite and performed tests in local environments using Coded UI.
* Clearly and accurately report and assign bugs using bug-tracking.

**Environments:** Selenium WebDriver, TestNG, Java, Eclipse, XPath, API testing, Web Services (RESTFUL, JSON), JavaScript, Windows, Jenkins, Postman, page object model (POM), SQL.

**DXC TECHNOLOGY- Hyderabad, India QA Engineer May 2016- Aug 2018**

DXC Technology is an American multinational information technology (IT) services. The company provided business-to-business IT services.[4] It began trading on the New York Stock Exchange under the symbol DXC.[5] At the time of its creation, DXC Technology had revenues of $25 billion

**Responsibilities:**

* Reviewed all the Requirement documents, Functional Specification and Use Case documents.
* Analyzed the use cases provided by analysts and wrote test cases.
* Involved in Automation Environment setup using Eclipse, Java, Selenium WebDriver jars, Cucumber, TestNG.
* Developed the features, scenarios, step definitions for BDD (Behavior Driven Development) using Cucumber and Gherkin.
* Involved in analyzing and feasibility check of a newly added functionality for automation. Design and implement Hybrid Driven Framework.
* Used SVN tool for Source code management and also used Selenium Grid for parallel, Batch Test Execution.
* Tested the application in highly dynamic environment with sprint team using agile methodology.
* Performed Functional Testing, Regression Testing. Used manual and automated scripts for testing the application.
* Changed the test steps as per the flow based on change requests from the business side.
* Involved in defect fixing.
* Involved in Enhancement and Unit Testing.
* Contributing and manage all levels of performance testing including estimation, building the team, provide training, requirement gathering, selecting of the tool for automation, reviewing the script, monitoring the test, analyzing the test results and reporting.
* Coordinated with Project Managers, Business Analysts and System Analysts to set up the environment to execute the scripts.
* Attended daily stand-ups to discuss about the day-to-day assignments, to clear roadblocks if any and determine efficient co-operation to resolve tickets with developers.
* Attended Weekly QA Status meetings with QA team and developers to discuss critical defects, deadlines, build releases, milestones for the tasks identified.

**Environment:** JAVA, Selenium WebDriver, Selenium Grid, Appium, Java Script, Maven, Jenkins, GIT, Cucumber, Gherkin, Agile, SOAP UI, JUNIT, TestNG, JIRA, Jenkins, SVN, SQL.

**Try Logic Soft Solutions Pvt. Ltd., Hyderabad, India QA Engineer May 2013- May 2016**

**project description:**

try logic soft solutions ap private limited, an iso 9001 certified company, registered as a private limited company in the year 2008, into the subsistence of business since 2004, started with a focus by passion driven management to offer services in the field of "academic support services " to the professional courses pursuing students to make them as industry-ready... then entering into "live project" guidance & hands on training business domain, then satrted business division of "software & web application, mobile application development & design services"...

**Responsibilities:**

* Reviewed all the Requirement documents, Functional Specification and Use Case documents.
* Designed and developed Tests Scripts for Automated Testing of all the modules in Agile Methodology.
* Developing test plans and test cases using web tracker.
* Clearly and accurately report and assign bugs using bug-tracking tool.
* Manually perform Functional testing that includes Security, System testing, Smoke testing and Back-end testing.
* Used BDD cucumber framework to analyze the user-story and writing acceptance criteria
* The entire Ruby scripting done using Cucumber framework, involved in running automated ruby scripts on a Linux machine.
* Performed bug tracking and defect reporting using JIRA and followed up with development team to verify bug fixes, and update bug status.
* Used Calabash-cucumber and Appium for mobile automation Testing.
* Evaluating the project requirement document and analyzing the feasibility of Automation for the Java based web application.
* Used Tortoise SVN to maintain current and historical versions of files such as source code, web pages, and documentation.
* Involved in API testing, it involves using SOAP UI for the specific API calls.
* Involved in using of WSDL files for the SOAP UI requests.
* Actively perform the testing in both SOAP and REST services using Rest Assured and tested both XML and JSON formats.
* Used IOS emulator and simulator to do the mobile functional testing.

**Environment:** Selenium WebDriver, Jenkins, Cucumber, SOAP UI, Maven, agile, Junit, Quality Center, Eclipse, XPATH, Java, HTML, CSS, GIT, SQL, Android, Oracle and Windows.