SHIRISHA MAGANTI

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PROFESSIONAL SUMMARY:

Over 7+ years of QA experience in manual/automation testing of web apps specializing in Software Quality Assurance Testing, QA Automation and proficient in testing on client/server, web-based applications.

Experience in all phases of Software Testing Life Cycle (STLC), Software Development Life Cycle (SDLC), Bug life Cycle and methods like Waterfall and Agile.

Experience working with Open-source tools such as Selenium (Selenium IDE, Selenium RC, Selenium Web Driver and Selenium Grid), SoapUI, Cucumber, TestNG, Sause Labs Jira and Eclipse.

Experience in preparing and maintaining Automation Frameworks (Record/Playback, Keyword Driven, Data Driven, Hybrid Driven, and Page Objects).

Good experience in executing test cases, reporting bugs, writing test scripts, test automation using diverse testing tools like Selenium Web Driver, Cucumber and SOAPUI.

Performed API Testing by using REST Assured library in Java and Spring boot.

Expertise in Micro Services architecture, API automation testing, Unit testing and CD/CI testing.

Expertise in Continuous Integrations and Continuous Deployment (CI/CD) processes using Jenkins in combination with Maven.

Execution of manual API Testing using Postman.

Experience in using Selenium Web Driver, Eclipse TestNG test frameworks in creating test scripts, test suites and HTML reports.

Expertise in developing, documenting and executing test cases manually as well as writing automated scripts.

Experience in unit testing, functional testing, user acceptance testing, integration testing, system testing, performance testing, sanity testing, exception testing, compatibility testing & security testing of client/server and web-based applications.

Experience working on multiple projects and extensive experience in User Acceptance Testing (UAT), End to End, System Integration Testing (SIT), Functional Testing, Regression Testing, Validation testing, Backend testing, and Performance Testing, Batch Process Testing and Cross-Browser testing.

Experienced in understanding system specifications, functional, technical Extensive experience in reviewing and analyzing business requirements and creating Test Plans, Test Cases, Test Scripts, Test Estimation & Requirement Traceability Matrix.

requirements, test prerequisites, test data.

Experienced in using Apache POI to read data from external sources and to feed locators into the test script.

Good knowledge in using Postman for APIs testing

Automated application deployment in the cloud using Docker technology using Elastic Container Service scheduler.

Good understanding on the code written in different programming languages JavaScript.

Extensive experience in data driven, keyword driven and hybrid test automation frameworks.

Experienced in continuous integration using Jenkins to support tools like GIT and execute Apache ANT and Apache Maven.

Experienced in using Maven build tool to manage framework dependency jar files and for build management.

Well versed with various testing stages/levels/phases, testing types, testing techniques and quality work products.

Hands on experience in different management scenarios like Change Control, Quality Assurance, Defect Tracking, System Integration, and Task Scheduling.

Expertise on Testing REST API using Robot Framework and SOAP UI

Designed and documented REST/HTTP, SOAP APIs, including JSON data formats and API versioning strategy.

Validated SOAP UI and Restfull API service

Experience in writing and executing SQL queries to perform Data Validation and Backend testing of databases to check the integrity of data.

Experience with cross-browser and compatibility testing to test whether the web applications are working as desired in different browsers and environments.

Worked on Integration of Selenium RC/WebDriver with existing API to test Framework

Strong experience with SOA architecture that include Restful Web Service Testing

Proficient in tracking and reporting defects using industry and internal tracking tools like Quality Center, Jira and Bugzilla.

Excellent experience in troubleshooting software applications for business functions in major areas of the business and enterprise-wide.

Good analytical and communication skills and ability to work independently with minimal supervision and also perform as part of a team.

TECHNICAL SKILLS

Automation Tools: **Selenium (Web-driver), JMeter**, Junit & TestNG, SOAP UI, Jasmine, **Appium**, Eclipse, Cucumber, TestNG, GIT, Postman, JUnit, Mocha, Protractor, Jest and Cypress

Programming: core Java, HTML, XPath, CSS, JavaScript, XML, SQL, Soap, Rest, Kotlin

Defect Tracking Tools: Jira, Bugzilla, Quality center.

Build CFG/CI/Tools: Maven, Jenkins, GitHub.

Monitoring Tools: Cloud Watch, Nagios, ELK, Splunk

Virtualization: VMware, Docker, Kubernetes

Cloud Technologies: AWS, DevOps and Azure

APIs: REST, Graph, JSON

Types of Manual Testing: Sanity, Regression, E2E and API

Testing Frameworks: Page Object Model (POM), Data Driven, Keyword Driven, Hybrid Framework.

Project Methodologies: SDLC, STLC, Agile (Scrum), Waterfall.

Databases: SQL Server, Oracle, My SQL.

Others: Web browsers, MS Office tools, Windows OS.

PROFESSIONAL EXPERIENCE:

Walmart – Virginia, VA
Role : Mobile Test Engineer   **Dec'23 – Present**

Responsibilities:
Led the UI Automation testing efforts for the mobile Application CSP(Crowd Source Picking) , is an App designed for testing Picking Functionalities.
Developed and Maintained UI Automation Test scripts using Appium with a focus on ensuring the functionality and responsiveness of the application across various devices and platforms.
Collaborating closely with the team to understand feature requirements and design comprehensive test scenarios, covering both positive and negative test cases.
Implemented automated test suite to validate UI Functionalities, including navigation, user inputs, form submissions and interactive elements.
Utilized Appium's capabilities to simulate user interactions such as swiping, tapping and multi-touch gestures, ensuring a realistic representation of User Behavior.
Executed Test cases on a variety of emulators and Real devices, ensuring comprehensive coverage across different Android and IOS versions.
Dedicated and skilled Mobile Test Engineer in CSP Mobile Application testing, specializing in automation using Appium and Sauce Labs for efficient cross-browser testing.
Proven ability to create robust test scripts, ensure application functionality, and contribute to the QA process.
Integrated Appium with Sause Labs for mobile testing, reducing testing time and enhancing test coverage.
Conducted Code reviews to maintain code quality and adherence to best practices.
Developed automation framework using Selenium Java, Kotlin, Web Driver, and TestNG
Experience in preparing and maintaining Automation Frameworks (Record/Playback, Keyword Driven, Data Driven, Hybrid Driven, and Page Objects).
Participated in enhancing test cases using Java & Kotlin programming features and TestNG Annotations.
Used automated scripts and performed functionality testing during the various phases of the application development.
Worked on Data Driven Framework and MVC for Automation test scripts.
Reported bugs, communicated notifications to the developers using defect tracking tool JIRA.
Environment: Java, Selenium WebDriver, TestNG, Kotlin, Appium, Sause Labs Maven, Jenkins, SOAP UI, Eclipse IDE, Jira

Citigroup – Irving, TX
Role: QA Automation Engineer   **APR' 22 – NOV'23**

Role: QA Automation Engineer
Responsibilities:
Execute test plans and create test reports to describe program evaluation, testing, and correction
Collaborated with product management teams in an agile environment to develop a comprehensive set of tests for web applications.
Actively involved in Scrum and sprint meetings, managing product backlog, removing obstacles to progress, re-allocating resources where necessary, prioritizing and review milestones and accomplishments.
Developed automation framework using Selenium Java, Web Driver, and TestNG.
Used automated scripts and performed functionality testing during the various phases of the application development using Selenium.
Developed and implemented robust MVC pattern base testing with Selenium WebDriver which cut down the script development time in half.
Participated in enhancing test cases using Java programming features and TestNG Annotations.
Developed Data Driven Frameworks using parameters to retrieve test data sets from Excel.
Created Feature File Scenario Outline with Cucumber framework and wrote Acceptance test using BDD.
Experienced in Automated Testing using Selenium, QTP, WinRunner and LoadRunner
Prepared Traceability Matrix to ensure the adequate coverage of the test cases.
Created automated script for REST-API testing using Rest Assured.
Knowledge of writing Junit tests using Junit framework.
Assisted Manager by providing automation strategies, Selenium/Cucumber Automation and JIRA reports.
Developed BDD tests using Cucumber by writing behaviours and step definitions. Developed required Selenium support code in JAVA for Cucumber.
Experienced with testing REST and GraphQL API logic using Postman.
Web Service testing (RESTful API) and Automation using Apache JMeter using JSON, XML payloads.
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.
Performed UI and API testing using Cypress and created from framework from the scratch
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.
Extensive experience in Writing API, REST API and SOAP automation test cases.
Experience in functional testing, integration testing, regression testing, GUI testing, system, Regression, integration, API
Integrated Automation scripts (Selenium Web Driver API) on Continuous Integration tools Jenkins for nightly batch run of the Script.

Tested compatibility of application for dynamic and static content under various cross browsers using HTML IDs and XPath in Selenium.

Worked on distributed test automation execution on different environment as part of continuous integration process using Selenium Grid and Jenkins.

Used Selenium IDE to record, playback and debug individual test cases, using Selenium WebDriver provided more flexibility in automating test cases.

Participated in automating web application using Selenium WebDriver in TestNG framework.

Used Page Object Model, UI Mapping, Selenium Manager, Data Driven using CSV, CSS Selectors as a part of framework.

Used Maven to build and run the Selenium automation framework. Once the script got over, framework used to send the automation reports over email.

Worked on Web services using POSTMAN exclusively on obtaining the needed information using the URL approach.

Involved in the Continuous Integration of the automation framework with Jenkins.

Integrated the test suites to Jenkins to execute them automatically after every successful deployment.

Worked on Data Driven Framework and MVC for Automation test scripts.

Used Eclipse IDE to develop and execute the test cases using Selenium WebDriver and Java.

Used Git as code repository to manage code reviews.

Conducted Smoke testing, Functional testing, Regression testing, Integration testing, and User Acceptance Testing (UAT) and Data validation testing.

Connected to database to query the database using SQL for data verification and validation.

Participated in cross browsing testing for IE, Firefox, Chrome, Safari compatibility using Selenium WebDriver.

Reported bugs, communicated notifications to the developers using defect tracking tool JIRA.

Rest API automation using cypress and JavaScript.

Performed Regression testing on new builds using Selenium WebDriver and using the Hybrid framework.

Worked on developing the automation scripts using Selenium WebDriver with Junit Framework.

Environment: Java, Selenium WebDriver, Selenium IDE, POSTMAN, TestNG, Page Object Model (POM), Cucumber, Maven, Jenkins, Eclipse IDE, Git, Jira

Emerson – Houston, TX
Role: QA Automation Test Engineer   Feb '21 – Feb '22

Responsibilities:
Involved in analysis of business requirements, use cases, design flowcharts and software requirements.

Designed data-driven testing framework in Selenium and captured data dynamically from web controls.

Used Selenium WebDriver using TestNG and Eclipse for automation in Hybrid model.

Implemented Automated execution of tests (nightly and need based) using Maven and Jenkins.

Used Swagger to get REST API Specification and Documentation, Created and Tested Mock Service for the specification using SOAPUI Pro.

Involved in performing Smoke, Functional, System and Regression and backend Testing.

Validating the Restful API Using Java, Apache Http Client and XML, JSON Parsers.

Implemented Page Objects, Data Driven, Keyword Driven, Hybrid automation frameworks using Selenium.

Configured Selenium WebDriver, Maven tool and created Selenium automation scripts in Java using TestNG prior to agile release.

Used BDD framework with Cucumber, Java and created future files with scenario and scenario outline files.

Used Selenium RC for testing different browser, Selenium Grid for checking instance of server and Selenium IDE for record and playback.

Developed and executed test plans and test cases based on business requirements and functional specifications.

Performed various types of testing like Functional Testing, Integration Testing, Regression Testing, System Testing and Compatibility Testing.

Analyzed the Log files to verify the processes for debugging and or test data verification purposes.

Performed Data-Driven testing by developing Java based library to read test data from Excel & Properties files.

Worked in Regression testing, Parallel Processing using Selenium Web Driver in BDD.

Integrated Automation scripts (Selenium WebDriver API) on Continuous Integration tool Jenkins fortnightly batch run of the script.

Used Selenium to run test cases in multiple browsers and platforms.

Experience in Automated Software Testing using Rest assured, Cypress and Selenium

Prepared and executed test scripts using BDD (Cucumber-Serenity) and Selenium Web-Driver.

Involved in Web services testing using REST-Assured by writing code to send request and validate response XML/JSON.

Carried out the Requirement Gap Analysis, test scripting, test case preparation & review, test script demo to Client, test/script execution and risk analysis.

Developed the automation test scripts for web applications.

Scheduled regular builds for smoke and regression testing using Jenkins.

Used GitHub for source code management and extensive used GIT command line interpreter.

Developed the test scripts and analyzed the results in various stages of the application including integration, regression, functional and acceptance testing using Selenium.

Wrote complex SQL queries and update transaction and properties for accounts on stages for UI testing, Integration testing with different data points etc.

Involved in project meetings and interacted with other team members in order to resolve the problems.

Followed Agile testing methodology, participated in daily SCRUM meetings and testing each deliverables.

Tested applications in different types of browsers and versions, such as Internet Explorer, Firefox, Google Chrome to simulate production environment.

Performed defect reporting and bug tracking using JIRA and also followed up with development team to verify bug fixes, and update bug status.
Environment: Java, Selenium WebDriver, Selenium IDE, Selenium RC, TestNG, Page Object Model (POM), Cucumber, Maven, Jenkins, SOAP UI, Eclipse IDE, Jira

Goldman Sachs - Richardson, TX
Role: QA Automation Tester   **Oct '17 – Dec '20**

Responsibilities:
Developed regression and functional test suites using Selenium WebDriver, JAVA, and TestNG.
Analyzed business/system requirements and developed test cases, test scenarios and test data for manual and automation.
Developed test scripts to automate process of web testing in Selenium WebDriver
Developed new and updated existing Automation test cases using Selenium WebDriver.
Created an API automation framework using Jest/Request promise & web UI automation framework using Protractor, Mocha and Chai
Performed REST API Testing usisng 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, Spring boot and Java
Created automation framework using POM - Page Object Model, and Data Driven to test web application.
Involved in testing Web services (SOAP and REST) and XML with tool called SOAP UI, for the local WSDL with URL and created Test cases, run them, do load testing, security testing.
Implemented BDD (behavior-driven development) to run automated acceptance tests using Cucumber tool.
Developed Back-end testing using complex queries to retrieve the user information to cross validate in UI and databases.
Maintained user documentation with TestNG output screenshots for User acceptance testing (UAT).
Verified data integrity by back-end testing of the application by writing SQL queries.
Maintained Traceability Matrix to ensure all conditions are covered in the Test Cases.
Developed and executed SQL queries to verify the proper insertion, deletion and updates into the database and investigate for solutions using data analysis practices and prepare analysis reports.
Developed and executed SQL queries in the database to conduct Data integrity testing by checking the data tables on the server.
Maintained continuous test integration and automatic build by using Jenkins and mailed the build outputs to the team members.
Involved in identifying defects, reporting and assisting in defect resolution before code release/ implementation.
Performed the build and maven dependencies using Maven build tool.
Performed Integration and Regression testing to check compatibility of new functionality with the existing functionalities.
Performed automation of test cases for Regression Testing using Junit and Selenium, testing Functional, Acceptance and Limit validations.
Created detailed QA and UAT cases to validate the quality of the application.
Responsible for Back-end API testing with SOAP UI and coding in Groovy and Java script.
Developed Java scripts 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 on the Parameterization using TestNG Parameters and Data Provider annotations in Selenium WebDriver Scripts.
Supported the development of the Requirements Traceability Matrix (RTM) to ensure that all requirements are tested, tracked, and maintained throughout the UAT.
Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Jenkins.
Tested critical bug fixes including critical fixes and coordinated with developers in release of bug fixes meeting tight timeline.
Checked database to determine successful transaction of test data from the application by establishing connectivity using SQL commands.
Analyzed test results, tracked the defects and generated reports using JIRA.
Environment: Java, Selenium WebDriver, TestNG, Page Object Model (POM), Cucumber, Maven, Jenkins, SOAP UI, Eclipse IDE, SQL, Jira

SPGON Software Solutions - India
Role: QA Engineer   **Jan '14 – Aug '17**

Responsibilities:
Involved in analyzing user requirements for application enhancements and preparing testing specifications.
Effectively implemented different QA methodologies/policies, strategies and plans in all stages of SDLC.
Designed and Developed UAT Regression automation script and Automation of functional testing framework for all modules using Selenium and WebDriver.
Worked on a project where we implemented BDD (Behaviour Driven Development), TDD (Test Driven Development) using Cucumber Framework with Java, TestNG and Page Object Model.
Experience with automated API testing and Soup UI testing.
Developed and maintained automated regression test cases in Selenium WebDriver using Java programming language and TestNG Framework.
Automated Smoke and Functional test cases using Selenium WebDriver and Java (Eclipse IDE).
Performed Data driven testing using Selenium WebDriver and JUnit functions which reads data from property and XML files.

Developed test scenarios and test procedures based on the test requirements.

Executed Test Scripts and analyzed the results based on the specifications.

Involved in estimation and preparation of test case scenarios and test plan documentation for validating and reporting.

Developed Test Frameworks in Selenium for UI Regression Test Automation and when necessary, and potentially execute Unit Test Automation (Java/JUnit).

Involved in Test Execution, Results Analyzing and Defect Reporting

Modified scripts in UFT to automate the client/server application.

Performed end to end testing on validating the claims functionality including data validation from source to destination tables.

Uploaded test cases executed test cases and logged defects/bugs in Quality Center.

Developed and executed SQL queries using TOAD and stored procedures to validate the data

Actively participated in status report meetings and interacted with other team members for technical issues.

Conducted bug review meetings for update on defects from development team and retesting of bug fix.

Involved in running the scripts, modifying them if necessary and if there is some error in application.

Maintained Traceability Matrix to track the requirements to the test cases to ensure complete test coverage in the Quality Center.

Connected to database to Query the database using SQL for data verification and validation.

Updated reports and dashboards to display the status of test coverage including the number of test cases passing, failing or pending.

Used Quality Center as a test management tool for requirements, test cases, test execution and defect reporting.

Prepared user documentation with screenshots for UAT (User Acceptance testing).

Checked the data integrity in between front end and backend with database checkpoints created in VBScripts using DB connection and also by manually queries in the database.

Environment: Java, Selenium WebDriver, TestNG, Page Object Model (POM), Maven, Jenkins, Eclipse IDE, Quality Center

EDUCATION & CERTIFICATION

Bachelor of Science from Osmania University, Hyderabad, India.

Shirisha M

- Irving, TX, US

Contact Information

- ys7-nz2-c0y@mail.dice.com

Skills

- **apache maven** - 9 years
- **automation** - 9 years
- **framework** - 9 years
- **functional testing** - 9 years
- **java** - 9 years
- **jenkins** - 9 years
- **qa** - 9 years
- **scripting** - 9 years
- **selenium** - 9 years
- **selenium webdriver** - 9 years
- **software** - 9 years
- **test cases** - 9 years
- **testng** - 9 years
- **acceptance testing** - 9 years
- **bdd** - 9 years
- **cucumber** - 9 years
- **regression analysis** - 9 years
- **regression testing** - 9 years
- **sql** - 9 years
- **xml** - 9 years

Work Preferences

- Desired Work Settings: Remote or On-Site or Hybrid
- Likely to Switch: True
- Willing to Relocate: False
- Work Authorization:
  - US
- Work Documents:

- o Employment Auth. Document
- Security Clearance: False
- Third Party: False
- Employment Type:
  - o Full-time
  - o Contract - Corp-to-Corp
  - o Contract - Independent
  - o Contract - W2
  - o Contract to Hire - Corp-to-Corp
  - o Contract to Hire - Independent
  - o Contract to Hire - W2

Profile Sources

- Dice:
  https://www.dice.com/employer/talent/profile/9d29d5766bab4b898874339e28a2fa89