### Name: Prasanth D

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**Lead QA Automation Engineer**

**Summary**

* Highly organized, results driven IT analyst with 17+ years of experience in Information Technology with hands-on experience in developing automation scripts, requirements analysis & documentation, developing web applications and webservices and REST API’s.
* Expertise in Test Automation tools such as Selenium Web driver, Cucumber, UFT/QTP, ReadyAPI/SOAPUI, Protractor, Appium, Swagger, ServiceV, Load UI
* Expertise in developing web applications and web services and REST API’s using C# .net.
* Extensive knowledge of all stages of the Software Development Life Cycle (SDLC) like Waterfall, Agile, Scrum Models and QA Life Cycle and Agile
* Service Virtualization mocking of data using ServiceV (ReadyAPI)
* Created Automation utility for job checking and checking database values and sending the email to the respective stake holders.
* Experience in Functional testing, System testing, Integration testing, Regression testing, Back-end testing, Smoke testing and User-acceptance testing
* Worked in diverse business sectors like Capital Market, Retail & Logistics, Marine
* Good communicator, excellent interpersonal skills and ability to work effectively with less supervision.
* Possess strong analytical and troubleshooting skills.
* Creating new tasks and configuring the freestyle/pipeline projects in Jenkins for CI/CD process for Environment specific test scripts
* Excellent project management and critical thinking skills
* Expertise in: Developing automation scripts in Selenium, Cucumber, UFT, Ready API, Service, Protractor, Load UI and Appium, Bug tracking tool Quality Center, Azure DevOps
* Extensive experience in preparing Test Plans, Test Scripts and Test Cases
* Proficient in Microsoft Office (Word, Excel, PowerPoint)
* Experience in: Agile methodology, Waterfall Model, Performance, Black Box, Functional, System, Integration, Regression and User acceptance testing
* Writing complex SQL queries

## Education:

* Master of Computer Applications
* Bachelor of Computer Applications

## Technical Skills:

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| --- | --- |
| **Languages** |  Java, C# .NET, Java Script, VB script, SQL, PL/SQL, C, HTML |
| **Test Automation Tools** | Selenium, Cucumber, UFT/QTP, ReadyAPI/SOAPUI, Protractor, Appium, ServiceV |
| **Test Management Tools** | Quality Center, Azure DevOps |
| **Database** | Oracle, SQL Server |
| **Methodologies** | Agile, Waterfall Model, Microsoft Access |
| **Performance Tools** | JMeter, ETL, Blaze Meter, Neo Load |
| **MS Office Tools** | Word, Excel, Project, Visio, PowerPoint |
| **Operating System** | Windows 95 / 98 / NT / 2000/XP, UNIX |
| **Continuous Integration** | Jenkins, GIT, GitHub |

## Professional Experience:

**Client: Apria Health Group Dec 2023 – Till date**

**Role: Lead QA Automation Engineer**

**Responsibilities:**

* Developing and Executing Selenium and Cucumber Automation Scripts.
* Testing of Patients data from ANA Pega.
* Participate in developing and documenting User Stories, including testing estimates and validation tests using tools like Jira, Intellij, Cucumber, Gherkin, Postman, Swagger, Gradle, Mvn, Splunk, Git, Stash,Amazon web services (AWS)
* Developed and executed White box test cases using Python, Unitest/Pytest/Robot framework & PyCharm/Ride.
* Wrote Test Plan/Strategy for eligibility and validation testing of settlement Notification SWIFT MT54x' s messages and involved in testing various Assert Classes (EQT/DBT) for various workflows.
* Used PyCharm in various integrated development environments.
* Perform REST webservices setup and testing using Postman, checking in Swagger.
* Interacts, supports and participates in executive meetings surrounding Medicaid issues and reporting solutions.
* Worked on Healthcare system implementation including enterprise Electronic Medical Records (EMR) and ElectronicHealth Records (EHR) software.
* I am working on requirement gathering, design and development of Agile PLM System.
* Develop automated tests for features developed in-sprint.
* Test Web services call on SOAP UI for different messaging format. EGI & IFX on SITUAT.
* Creating automation Jenkin jobs and running them for regression testing. Expertise in writing automation scripts using JAVA and Groovy
* Develop code for web automation testing using Cypress, Selenium and Protractor framework, JAVA, JavaScript and JSON.
* HEDIS like Quality Reporting on vendors providing Indiana's Managed Care Medicaid providers.
* Maintaining and running the code between develop, master, prod branches and merging them using Git commands.
* Extended Unitest/Pytest/ Robot framework by adding some helper classes and methods.
* Configuring the Agile PLM workflows to meet business process.
* Participated in major phases of Software Development Life Cycle like Functional Specification Documentation preparation, Code Development, Testing and Implementation
* Participated in various Healthcare presales initiative for EHR applications, HIPAA 4010-HIPAA 5010 and ICD9-ICD10 estions conversions.
* Cco-ordinate regression effort performed by the business team on UL Web services & DB in UAT environment.
* Validated both Request and Response XML going to Vertex Systems
* Exported Test Case Scripts (Python) in PyCharm and modified the Python scripts and executed. Prepared automation test framework
* Responsible in Working with various Python integrated development environments like PyCharm. Idle.
* Created web UI tests using Cucumber, Gherkin and Cypress Automation
* Experience in parallel testing using Cypress
* keeps abreast of Medicaid Policy and new Medicaid initiatives/programs and advises of Medicaid program key points.
* Creation of patient’s data from ACIS to Pega.
* Verifying the data for web service applications like Valer and Content Navigator.
* Responsible for code testing and preparing technical documents for defects.
* Involved in Daily Scrum meetings.

**Client: FedEx Freight Jan 21 - Nov 23**

**Role: Lead QA Automation Engineer**

**Responsibilities:**

* Developing and Executing Selenium and Cucumber Automation Scripts and implemented CI/CT process using Jenkins, commit the code into GitHub repository and adding the repository in to Jenkins task.
* Involved in creating Rest API and web applications development.
* Reviewing Automation Test strategy, design & the automation project test plan based on the automation test requirements.
* Involved in Selenium Framework design and Coding, implementing enhancements, customization, modification of new/existing frameworks, automation script execution.
* Perform proactively tracking the defects in HP ALM tool and share the test reports, defect reports to business stake holders.
* Monitoring Lowe’s business in Splunk, Spotlight, Network dashboard, Mpulse etc.
* Monitoring Dynatrace graphs for CQ CPU, Endeca Response Time, Pricing Services Response time, Data Power Connections, Catalog Services Response Time, Fusion Response Time etc.
* Explore new tools/technologies like Katalon Studio and Cypress.
* Worked on Healthcare system implementation including enterprise Electronic Medical Records (EMR) and ElectronicHealth Records (EHR) software.
* Upload and manage Lowe’s digital assets and images from DAM and Scene7.
* Update in AEM Tools, MSM Control Center to Skip, Unskip, Rollout CQ pages.
* Contact supplier, upload compliance information to Agile.
* Hands on experience on working Cypress for angular application end to end testing.
* Maintain mobile blueprint and desktop live copy pages and update, maintain and change the inheritance.
* Responsible for creating test scenarios for user stories and creating automation test suites using Python, Selenium WebDriver, Pytest framework.
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* Developed and maintained automated smoke and regression test suites in Cypress using JavaScript programming language and Mocha Framework
* Attending project kick-off meetings, scrum calls, planning and retro meetings, capturing requirements, Analyzing and understanding the end-to-end functional flow, conducting impact analysis of requirements, Automation test strategy and Test estimations timelines based on Features/User Stories by coordinating with business units, stake holders and product managers.
* Generating the report for automation run results and sharing the results to Stakeholders and Business teams.

**Client: FedEx Services Sep 19 - Jan 21**

**Role: Lead QA Automation Engineer**

**Responsibilities:**

* Interface with stakeholders, gather test requirements and objectives, attend grooming and demo meetings in an Agile Scrum methodology.
* Creating and reviewing LeanFT automation scripts, Appium automation of mobile switcher tablet, AngularJS application automation using Protractor and committing the codes to Github repository.
* Reviewing Automation Test strategy, design & the automation project test plan based on the automation test requirements.
* Monitoring daily, weekly & monthly test execution & defect management report.
* Implement QA process and automated testing for all the work streams to improve the overall testing cycle.
* Creating and performing REST API automation script, reviewing the automation script run results and tracking the defects in HP ALM tool.
* Generating the report for automation run results and sharing the results to Stakeholders and Business teams.
* Be a part of an ongoing effort to bring new testing knowledge into the team.
* Test Environment set-up/management, monitoring and streamline release management to QA Environments.
* Participate in multiple meetings with IT owners, business owners and product or team members.
* Creating new tasks and configuring the freestyle/pipeline projects in Jenkins for CI/CD process.
* Response to technical queries, document planning activities, offshore coordination, Build work plan and flow diagrams.

**Client: FedEx Freight Jun 18 - Sep 19**

**Role: QA Automation Engineer**

**Responsibilities:**

* Interface with stakeholders, gather business requirements and objectives in an Agile Scrum methodology.
* Creating REST projects in SOAPUI tool, adding JSON request into project, validating the response and automating comparing results with IBM DB2 database.
* Creating REST API automation script using HP UFT tool.
* Creating Maven Project using HPLeanFT tool to call the UFT API tests as part of CI process.
* Perform Appium and UFT automation script run, reviewing the automation script run results and tracking the defects in HP ALM tool.
* Generating the report for automation run result and sharing the results to Stakeholders and Business teams.
* Creating new tasks and configuring the freestyle/pipeline projects in Jenkins for CI/CD process.
* Creating LeanFT automation script, reviewing the script and committing the codes to GitHub repository.

**Client - State Street Services May 17 - Jul 18**

**Role: QA Automation Tester**

**Responsibilities:**

* Work closely with ESP - Beacon Central Testing, Business team and Product users during entire project Agile testing life cycle.
* Analyzing Business Requirements & Develop comprehensive Testing Strategy, Risk Assessment document and writing System test plans.
* Creating the Functional Test cases of the model items and storing them in the HP ALM Quality Center location. Identify regression test suite.
* Execute the functional test cases and storing the test results in HP ALM Quality Center
* Perform Regression testing at the end of each iteration completion. Create automation test scripts using Selenium and TestNG framework.
* Managing the defects till closure and ensuring the 100% test coverage by preparing requirement traceability matrix and providing QA testing sign off. Ensure there is no defect leakage to production.

**Client: FedEx Office Jan 15 - Sep 17**

**Role: QA Test Lead**

**Responsibilities:**

* QTP to Selenium Migration for POC.
* Excel VBA macros to handle repetitive tasks.
* Creating and performing REST API automation script, reviewing the automation script run results and tracking the defects in HP ALM tool.
* Tracking and monitoring team’s deliverables and coordination among different groups within expected timeframe.

**Client: Zurich Insurance Oct 13 - Nov 14**

**Role: QA Automation Engineer**

**Responsibilities:**

* Developing QTP scripts and Execution.
* Defect Triage call with the offshore team.
* Reviewing the QC comments posted by the offshore team and closing the appropriate defects after discussion with the client.

**Client: PayPal July 12 - Aug 13**

**Role: QA Automation Tester**

**Responsibilities:**

* Writing Test cases
* Selenium Automation using Bluefin Framework
* Attending Client Meetings.
* Analyzing the test execution failures and fixing them.
* Response to technical queries, document planning activities, offshore coordination, Build work plan and flow diagrams.

**Organization 3 - Tele data Marine Solutions, Chennai, India Aug 08 - July 12**

**Role: QA Software Tester**

**Responsibilities:**

* Developing Automation Scripts in Selenium Automation using Bluefin Framework
* Analyzing the test execution failures and fixing them.
* Response to technical queries, document planning activities, offshore coordination, Build work plan and flow diagrams.
* Involved in functional testing, regression testing and GUI testing.
* Writing / enhancing the test scripts as per the new functionalities (or change request) introduced.
* Conducting regression testing.
* Issue reporting, tracking and preparing review reports using EMS, SEP (In-house bug tracking tools)
* Designed the automation framework in Java using Selenium RC

**Organization 4 - Ramco Systems, Chennai, India Sep 04 - Aug 08**

**Role: Technical Writer**

**Responsibilities:**

* Performed manual testing.
* Issue reporting, tracking and preparing review reports using In-house bug tracking tools.
* Preparation of User Guides, Online Helps, PPT Slides for Demos.
* Maintenance of German Literals using Trados Software and assisting in German Translators for retrieval of words from the Trados Database.