**Name: SAIRAM PRASATH DURAIRAJ**

**Email:**

**Mobile:**

**Professional Summary:**

* Highly organized, results driven IT analyst with 10+ 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. (Overall IT Experience - 17 years)
* 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 stakeholders.
* 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, ReadyAPI, ServiceV, Protractor, LoadUI and Appium, Bug tracking tool Quality Center, Azure DevOps, JIRA
* 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

**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, JIRA |
| 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 (Remote - Lakeland, FL) Dec 2023 - Till Date**

**Role: Lead QA Automation**

**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.
* Co-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 (Lakeland, FL) Jan 21 - Nov 23**

**Role: Lead QA Automation**

* **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 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.

**Organization 2 - Atos Syntel**

**Role: QA Automation Lead**

**Client: FedEx Services(Milwaukee, WI) Sep 19 - Jan 21**

**Role: QA Automation Lead**

**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 (Lakeland, FL) Jun 18 - Sep 19**

**Role: QA Automation**

**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 (Quincy, MA) May 17 - Jul 18**

**Role: 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 (Chennai, India) Jan 15 - Sep 17**

**Role: 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(Pune, India and Whiteley, UK) Oct 13 - Nov 14**

**Role: QA Automation**

 **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 (Chennai, India) July 12 - Aug 13**

**Role: 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: 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.

**Education:**

* Master of Computer Applications (2007, IGNOU, India)
* Bachelor of Computer Applications (2002, Madras University, India)