**SARANYA PURUSHOTHAMAN**

**Employer Details:** Ashok // ashok.j@itechus.net // 802-735-2780

**SUMMARY**

* Quality Assurance Automation Test Specialist having 12 years of experience, with specializing in Software Quality Assurance Testing, proficient in testing on Client/Server and Web and Desktop based applications and good experience on Core Java, OOPS concepts
* I have experience in leading Software Automation Testing (Selenium, Protractor and UFT) in Agile & Waterfall environment, DevOps, and Manual Testing with extensive hands-on and client facing experience across various Business Units
* I have expertise in Insurance, Banking, Retail, Logistics, Healthcare, Travel domain
* I’m proficient in using test automation tools such as Selenium WebDriver, Selenium Grid & Sauce Labs Execution to execute scripts in parallel for web applications
* I have exposure in backend validation testing in Fidelity / FDR mainframe screens testing
* I possess sound knowledge on Junit, TestNG framework for web application automation, Maven and Gradle for Project building tool, Jenkins for Continuous Integration and GIT lab for source control
* Having expertise with various testing stages/levels/phases, testing types, testing techniques and quality work products
* Having experience in the development of Data driven, Keyword driven and Hybrid Automation frameworks in Selenium using Java
* I have acquired extensive experience in reviewing and analyzing Business Requirements and creating Test Plans, Test Cases, Test Scripts, Test Estimation & Requirement Traceability Matrix
* Having professional expertise in Smoke Testing, Backend Testing, Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, System Testing, Regression Testing, GUI Software Testing, Ad-hoc Testing, Cross Browser/ Cross Platform Testing, UI Validation, cross browser, cross platform and Webservices
* Having knowledge of Object-Oriented Programming (OOP) concept. Extensively used Java for test case automation. Experience in implementing TDD and BDD with Cucumber Framework using Gherkin
* I have expert knowledge in using test management tools JIRA, Confluence, Share point and Quality Center/Application Lifecycle Management (ALM)
* Having ability to adapt to new environment quickly, strong team player, good communication, good analytical and computation skills, enthusiastic learner, confident, Innovator, sincere and committed
* Have outstanding communicator with extensive experience in customer service as well as ability to identify, develop and enhance client relationships
* I was SPOC for a business-critical Insurance product at Texas, Airlines client at Amsterdam
* I was Senior Test Lead – E2E team hiring / Coaching / Conceptualized accelerated learning program in current assignment
* I have developed reusable components & had mind-shared it to entire Testing organization – Article published in TCS
* I have experience in CI CD orchestration – GitHub, Jenkins, Maven, SonarQube, Gradle, Spring boot
* Having experience in Accessibility testing (AXE, JAWS)
* AWS Cloud enthusiast – Certified Solution Architect Associate, Cloud Certified Practitioner
* I have expertise in Test scripts reviewing and execution (Debugging & Troubleshooting)
* I have experience in monitoring test environment, report incident, escalate, ensure problem closure within SLAs using Splunk, Kibana

**EDUCATION**

* Master of Computer Applications, Anna University, Chennai, India

**CERTIFICATIONS**

* AWS Solution Architect Associate Certified
* AWS Cloud Practitioner Certified

**SKILLS**

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| Testing Tools | Selenium WebDriver/GRID, UFT, TestIM |
| Languages/Web Technologies | JAVA, Gherkin, HTML, XML, JSON, CSS |
| IDE | IntelliJ, Eclipse, VS Code |
| Test Framework / Design Type | BDD, Junit, TestNG, Data Driven Framework, Hybrid, Page Object Model, Page Factory, BPT |
| API Virtualization Tools | DevTest, POSTMAN |
| Build Tool & Version ControlProcesses  | Gradle, Maven, Git, Bitbucket, GitHub & GitLabAgile-Scrum, SAF Agile, Waterfall |
| Bug Tracking Tools | JIRA, ALM, QTest  |
| Continuous Integration Tools | Jenkins, GitLab Runner, QTest Agent, SonarQube |
| Data Bases | MySQL, Oracle |
| Operating Systems | Windows, Mac |

**EXPERIENCE**

**Sep ’19 – Current** *Sr SDET Engineer,* **USAA, San Antonio, TX**

The scope of this project is to test the consumer lending web applications and also chromium-based desktop applications (Solitude / Conversant) in Banking & Insurance division of USAA client. Involves End-to-End automation from UI (web) to mainframes testing – (Back-end validation) using Fidelity / FDR systems.

* As a SDET for an agile scrum team, gathered requirements using JIRA stories, prepared Test Scripts in QTest and executed them as part of DRR & feature testing
* Key contributor for creating automation scripts using Selenium Java for SCRA portal
* Performed Daily Regression Run & communicated the insights / reports to clients
* Executed scripts in Selenium GRID & Sauce Labs to achieve parallel execution
* Responsible for test data creation, conditioning the data using Fidelity mainframe systems
* Performed backend validation for UFT Mainframe Testing (Fidelity / FDR)
* Single POC for automation of Benefits request portal – a business critical application using Selenium
* Developed Test IM scripts to execute Mobile & Dotcom scripts in Runways testing
* Effectively performed Code / Peer Review for the team
* Key contributor during Agile Estimation & active participation in PI planning
* Played transformation POC for CLAS (Legacy Application) to CLOE (New Tech stack)
* Expertise in Dependency Management / Component sustainability for the antifactory used
* Implemented CI/CD by integrating Jenkins jobs with the development build and invoke a Regression suite on each build using build pipeline and share the results on automatic email trigger
* Able to work in a complex hybrid framework and get 70+ script pass within a limited period

**Environment:** Selenium WebDriver, GRID, Q-Test Agent, UFT, TestIM, GitLab, Maven, Gradle, JIRA, NodeJS Selenium, TestIM, IDE IntelliJ IDEA, VS Code

**Jun ’18 – Sep ’19** *QA Automation Analyst,* **KLM Airlines, Chennai, India**

Blue Web is the front-end application to search for available flights, buy tickets, pick your favorite seat on the airplane, and it handles your check-in when it’s time to fly. One application with reusable components serves as the e-commerce website for Air France and KLM in their branding

* Played a client facing role at Project Headquarters (Netherlands, Amsterdam)
* Worked in a 100% matured Agile environment – accommodating customer changes in development & Test execution with no slippage of User stories completion
* Key contributor to all the agile ceremonies –PI planning, Poker Estimation, Refactoring, Retrospection
* Created automation test suites for flight reservation & cancellation
* Developed reusable components & added to the project knowledge repository
* Performed test scripts development, review & execution
* Developed E2E functional test scripts in parallel with development team
* Exposure to Postman API testing
* Executed scripts in scheduled pipelines & sent reports effectively to the management

**Environment:** Protractor (Typescript Framework), API testing, (Postman), Jenkins, SonarQube, Continuous Integration, Bamboo, GitHub, Maven, JIRA, QTest, VS Code

**Mar ’17 – May ’18** *QA Automation Analyst,* **CIGNA Corporate Services, LLC, Chennai, India**

CIGNA Facets Claims Processor helps customers apply or submit their claims in the portal, that enables the user to track their claims status

* Lead a team of ~10 Quality Engineers enabling them to rapidly acquire the key test skills
* Been a key contributor in developing Automation Orchestration Engine, a DevOps enablement execution pipeline and been part of creating white paper on the same
* Had been a key contributor in providing technical solutions though brainstorming sessions
* Have been a POC on tools like Test Complete, CA Agile Central
* Received appreciations from client and management for planning & conducting effective trainings
* Played a vital role in Training & Innovation team
* Provided best approach and providing testing solutions for critical implementations
* Designed and executed effective trainings on automation tools and received applauds
* Technical solutions, sprint planning
* POC on tools like Test Complete, CA Agile Central – RALLY

**Environment:** Ansible, Maven, GIT, Jenkins, Docker, SonarQube, Fortify, BDD Cucumber, RPA, Peg Robotics (Open Span), Rally, Selenium WebDriver, IDE IntelliJ, IDEA, Eclipse

**Mar ’15 – Apr ’16** *QA Automation Analyst,* **The Home Depot Inc, Chennai, India**

Home Depot OMS team allows customers to place an order & understand the status of that order, including where it is in the process of manufacturing, the associates will have visibility into store arrival so they can better answer consumers’ questions during that process. It’s also a coordinating effort that drives back into our manufacturers and our suppliers, allowing coordination all the way through the supply chain

* Accomplished End-to-End Automation from UI, OMS, DB to POS
* Had been a key contributing team member to achieve this end -to- end automation within short span of time
* Had been a crucial contributor in achieving End-to-End automation (right from order purchase, OMS, DB transactions, delivery of the product) within short span
* Able to develop, execute and maintain 60+ scripts for 3 applications and reduced manual execution in a large scale
* Expertise in OMS application
* Sending numerous reports to Client and management on key insights & test accomplishments

**Environment:** Selenium WebDriver, ALM, Java, SVN, SQL, Sikuli (Mobile testing), IDE IntelliJ IDEA, Eclipse

**Jul ’12 – Dec ’14** *QA Automation Analyst,* **FedEx, Chennai, India**

FedEx I-net GTM project had the scope of testing web applications involved in logistics

* Functional test expertise in web applications
* Involved in script development, execution and troubleshooting using QTP BPT framework
* Worked in transformation of BPT framework to open-source Selenium Java hybrid framework
* Manual execution Professional expertise in Smoke Testing, Backend Testing, Black-Box Testing, Functional Testing, Positive/ Negative Testing, System Testing, Regression Testing
* Ability to adapt to new environment quickly, strong team player, good communication, good analytical and computation skills, enthusiastic learner, confident, sincere, and committed
* Test Execution, Script analysis, developing scripts, training fresh talents

**Environment:** UFT - Business Process Testing, Selenium RC, Java, HP ALM, Auto IT, Eclipse

**Nov ’11 – Jun ’12** *Developer,* **Valeo India Pvt Ltd, Chennai, India**

Valeo is a leading automobile clutch manufacturing client who wanted to expand the IT infrastructure by building internal applications such as Timesheet etc.

* Single POC for developing webpages for internal applications (Timesheet etc) with minimal guidance
* Maintenance of pre-existing internal applications, supporting users & resolved issues within SLA
* Sending report to Client and management

**Environment:** PHP, MySQL, CSS, AJAX, JScript, JQuery, Eclipse, ALM