**SRAVAN CHEERLA**

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 **SDET / QA TEST AUTOMATION ENGINEER**

A full stack Test engineer and software quality leader

Software Test professional with 14 years’ experience in software quality, Agile, and test automation. Passionate about delivering quality software and improving QA processes for Agile teams. Built, designed, and maintained automated test suites and test frameworks against both UIs and RESTful APIs and Mobile. Mentored other testers and developers in all things testing. Adept at maintaining test cases, bug tracking, and producing test reports. Passionate about ensuring software quality through acceptance testing. Strong collaborator with excellent verbal and written communication skills.

**TECHNICAL SKILLS:**

* Programming languages : Java, C#, Java Script
* Integrated Development Environment : Eclipse, Visual Studio 2019, VS Code.
* Frameworks : TestNG, Cucumber, BDD, Junit, MS test,

 Mocha, Chai.

* Test Automation Tools : Selenium WebDriver, Rest Assured, Cypress

Appium

* Design Patters : Page Object Model
* Central Repository : GitHub
* Database : SQL Server, Oracle
* Software Testing Methodologies : : Agile, Kanban, Waterfall
* Project Management tools : JIRA, HP ALM, TFS
* API test Tools : Postman
* Dependency management Tools : : Maven, Gradle, Visual Studio (NuGet packages)
* CI & CD : Jenkins, Azure DevOps

**CORE STRENGTHS:**

* Agile SCRUM
* Kanban
* Problem-Solving
* New Tool Research and Investigation
* Documentation
* Mentoring and Training
* Debugging and troubleshooting
* Root cause analysis
* Owning responsibility

**TESTING STRENGTHS:**

* Test Automation
* Mobile Automation
* Api Automation
* Test Plan
* Test Case
* Unit Testing
* Integration Testing
* System Testing
* User Acceptance Testing
* Exploratory and Ad-hoc testing
* End-End Testing
* Code Review
* Peer review

**CERTIFICATIONS:**

ISTQB (Foundation Level) Certification

Microsoft Certified: Azure AI Fundamentals (AI-900)

Microsoft Certified: Azure Fundamentals (Az-900)

**EDUCATION:**

Bachelor of Engineering (Electronics and Communications Engineer), Osmania university, India.

**PROFESSIONAL EXPERIENCE**

**Assurant / Encore SSP (Site service portal) Nov 2021 – Jan 2024**

Description: Encore SSP is an insurance web application tool which provides insurance needs for housing solutions that support, protect, and connect major consumer purchases. Examples of such include a broken mobile phone, a misplaced device, corrupted appliance, flooded house etc.,

**Senior QA Consultant**

**Responsibilities:**

* Lead QA team and ensured the best quality delivery by guiding the team on best practices, analysis and providing the resolution on framework issues and managed the work assigned.
* Wrote the automated E2E cases in Selenium using C# and Page Object model.
* Developed new method at the framework level which was converted to NuGet packages and other teams used them.
* Defined automation stories and managed automation backlog.
* Designed and wrote the data driven automated cases using Rest Assured for the End points used in Encore SSP.
* Assisted the peer team members on best practices, effective test designs, and reviewed their pull requests in git.
* Partnered with stake holders in discussing the current, backlog and future enhancement items to ensure high quality features are delivered.
* Coordinate with Business on a scheduled meeting to define Exit criteria (Definition of Done).
* Performed RCA (root cause analysis) on the issues identified and documented them.
* Contributed to the building of our CI pipeline by adding our automated E2E and API tests as a post-deployment blocking gate.
* Performed exploratory testing at the end of each sprint before the code is deployed to higher environment.
* Worked on ADO features Azure Virtual machine, Azure Blobs, Azure Load balancer and Azure automation.
* Prepared the release documents at the end of each release.
* Documented Test cases for the new features in TFS.
* Identified the smoke cases and added to the smoke suite which are integrated to run after each build.
* Provided demo for both the functional and Automation stories worked on each sprint.
* Participated in all of the sprint ceremonies Sprint Planning, Daily Scrum, Sprit review, Sprint retro and Backlog refinement.
* Contributed to the organizational initiation on Cypress. Wrote E2E cases for the internal TBS application using Cypress and Cucumber, Mocha and Chai framework.
* Maintained the Git hub continuous (CI) pipelines.

**Wells Fargo /WCA & CEO Feb 2019 – Nov 2021**

Description: The application WCA is responsible for all the authentication services provided by Wells Fargo to the third-party vendors. The third-party application will route the authentication request to Wells Fargo which in turn authenticates and reroute the requests. And the CEO is the single sign-on application

**Responsibilities:**

* Developed a scalable automation framework using Selenium, Java, Cucumber (BDD) and migrated all the manual test cases to automated scripts.
* Designed the Behavior driven RESTful Api cases using Rest Assured for all the authenticated test cases.
* Tested the application in different mobile applications (IOS and Andriod).
* Designed Appium automation scripts for native IOS and Andriod platforms using java.
* Implemented UI Automator and appium inspector in appium to inspect elements in mobile applications.
* Performed cross-platform, functional, regression, UI testing for mobile native app, web apps and hybrid apps using appium test automation framework.
* Extensively used ALM for storing Test plan and Test Case documents and report defects.
* Automated test scripts to cover cross browser testing in include various browsers using sauce lab.
* Performed mobile compatibility testing and mobile application testing – Iphone, Ipads, Tablets.
* Supported design and development team to resolve reported problems.
* Performed Rest api testing using Postman.
* Performed smoke, Functionality, Regression, Integration, System and User acceptance testing based on Functional and design specifications.
* Actively participated in walk-through, inspection, review and user group meeting for quality assurance with BAs, SMEs, Product owners and developers.
* Used maven as a dependency management tool.
* Configured Jenkins jobs for daily test execution in our CI pipelines.
* Presented test metrics and execution reports to the stake holders.

**Wells Fargo /Cash Vault Jun 2016 – Jan 2019**

Description: Cash Vault is a web application designed for the business to track and process the frequent deposits of Cash and checks. A cash or check deposited in Cash vault will be processed and deposited securely, reliable, and promptly.

**Responsibilities:**

* Developed and Integrated the Cash vault framework in Jenkins pipelines using Selenium, Java and Test NG frameworks.
* Configured selenium grid for multi browser execution
* Developed SQL queries to be included in automation test scripts.
* Configured Jenkins jobs for daily test execution in our CI pipelines.
* Continuously advised and collaborated with development team, product managers, and development manager on risks for production releases and defect prioritization.
* Documented test-scenarios, automation design, and QA Processes in Confluence.
* Guided the peer QA in building and using the automation framework.
* Provide demo for both the functional and Automation stories worked on each sprint.
* Participated in all of the sprint ceremonies Sprint Planning, Daily Scrum, Sprit review, Sprint retro and Backlog refinement.
* Own complete responsibility for delivery of the Project, prepare demo in each sprint, application walkthrough etc.,
* Document the Test results and defects (JIRA), Communicate and Coordinate with team.

ALOGENTS PAYMENTS GATEWAY Mar 2014 - Jun 2016

The web-based application provides the Payment gateway solutions for its clients.

Responsibilities

* Analyze requirements and create Test Plan documents.
* Develop and maintain the test scripts using C#/Selenium/Unit Test technology using Visual Studio.
* Automate test scripts to cover maximum functional areas starting with smoke/sanity test scripts.
* Design and develop the Common Methods for application.
* Document and report the test results and defects in TFS (Team Foundation Server).
* Test the API response with Postman.
* Acquire knowledge and clear impediments on business requirements / processes through various meeting like Refinement, Sprint Planning, Daily scrum.

BARCLAY CARD US Feb 2012 - Jan 2014

The project involves end to end testing of the credit card related services on a web application and its integration with Mainframes.

Responsibilities

* Analyze the Credit card requirement and write test cases.
* Create Test data and Set up Environment, execute the test cases.
* Own complete responsibility for delivery of the Tasks.
* Document and report the test results and defects in Hp ALM.
* Responsible for ensuring the best quality delivery.
* Developing SQL scripts to use them in Functional Testing

CORE BANKING Feb 2010 - Feb 2012

The project involves a web application which hosts content regarding Personal Banking, Business banking, Wealth Management and Savings provided to the user on their requirements.

Responsibilities

* Analyze the requirement and write test cases.
* Create Test data and Set up Environment, execute the test cases.
* Own complete responsibility for delivery of the Tasks.
* Document and report the test results and defects in Hp ALM.
* Responsible for ensuring the best quality delivery.
* Navigate through different vision plus screen to verify the functionality.
* Coordinate with developers and team on allocated tasks and defects found.