**Pavan Kumar Chilakamarri**

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**Profile Summary:**

* A highly competent and result oriented IT professional **with 7+ years** of experience in Quality Assurance and Software Testing which includes 6+ years of **Selenium Automation Development with JAVA**.
* Extensively worked on **Manual,** **Automation, API, Database, and Business rules Testing.**
* Extensive knowledge on Software Testing Life Cycle (STLC) and bug life cycle.
* Excellent experience in automation of Web-based, highly transactional and large Client/Server/Multi-tier applications using **Selenium WebDriver**, **JAVA, TestNG, POM, Rest Assured.**
* Designed and implemented different automation frameworks from like **UTAF(Unified Test Automation Framework), cucumber,** **Page Objects framework, Data Driven framework** and **Hybrid framework**.
* Implemented integration between **Jenkins and JIRA** using **X-Ray plugin**.
* Experience in performing regression testing on **SaaS application** for every patch release.
* Good experience in writing automation scripts in Automation framework developed using **SpringBoot**.
* Experience in developing BDD scripts with Cucumber and writing step definitions for behavior.
* Experience in Testing the **Mainframe applications** manually.
* Hands-on experience in running batch jobs using **CA WorkAutomation Tool.**
* Expertise in testing messaging queues using **ActiveMQ for automation** and **IBM MQ for manual testing**.
* Expertise in validating file format like **834,** xml’s and text files that got generated by Boomi Tool.
* Experience in writing **Junit test cases** for development code for code coverage.
* Excellent experience of build tools like Maven, Gradle and managing JAVA automation projects using them.
* Proficiency in testing frameworks like **ROBOT, JUnit and TestNG.**
* Experience in Version Control tools like **SVN & GitHub and** Continuous Integration tool like **Jenkins**
* Experience in API Testing tools like Rest API, Postman and RestClient.
* Expertise in Databases writing queries using Oracle, SQL and MongoDB.
* Generated **reports** using extent reports after testing UI.
* Lead the automation team of 3 members and co-ordinate the offshore and on shore team.
* Performed peer reviews before pushing code to repo.
* Good knowledge in monitoring the PROD servers in **PCF** after deployment.
* Skilled in Project Management from planning, designing and developing Test Plan, Test cases and Generating Test Reports and Product quality assurance documentation. Involved in creating Estimations, Resource Management, Metrics, Status tracking, UAT analysis
* Good Experience of **AGILE Methodologies**, **Scrum, and Kanban processes**. Proficient in Test management and Defect management tools like **Jira, TFS, and Rally.**
* Actively participate in **Daily defect** & **Test execution** meeting across various business teams and provide relevant status, associated risks updates and resolutions for the issues.
* Actively participated in **Amigo’s meeting** to understand the critical scenarios need to be covered as part of user story.
* Demonstrated excellent communication, analytical and problem-solving skills while training and consulting clients on implementations of various technical solutions
* Have experience in working with other tools like **SonarQube, Confluence, Teamcity.**

**Technical Skills:**

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| **Automation Testing Tools** | Selenium WebDriver, Selenium RC, Rest-Assured |
| **Frameworks/Languages** | JAVA, TestNG, JUnit, Cucumber, Page Object Model (POM), UTAF, SpringBoot, Python. |
| **Bug Tracking and Test Management Tools** | JIRA, Bugzilla, Agile Central |
| **RDBMS** | Oracle, MongoDB |
| **Operating Systems:** | Windows 7, Windows Server 2008/2008R2/2012, UNIX |
| **Build Tools** | Maven, Gradle, Jenkins, GitHub,SVN, Docker |
| **Domain Knowledge:** | Retail, HealthCare |
| **Others** | SonarQube, Postman, Eclipse, STS, IntelliJ, SonarQube, TestRail, BrowserStack |

**Education Qualification:**

 Master of Computer Application from JNTU Hyderabad - 2011

**Project Experiences:**

**Client – Gap Inc**

**Location- Hyderabad, India Duration: 30th April’2018– Till Date**

**Role – Sr. System Analyst**

Technical Environment: Java, Selenium, IntelliJ, Gradle, Maven, GitHub, Jenkins, Postman, TestNG, Cucumber, ActiveMQ API, IBM MQ, MongoDB, Oracle DB, Docker, JFrog Artifactory, Rest Assured, Confluence, Jira, SonarQube.

Roles & Responsibilities:

* Implemented common automation framework for entire GAP supply chain which involves various web, services, flash-based & windows-based applications.
* Developed the UI Automation in using **Selenium with Junit.**
* Developed the Automation API Test Scripts in using **with RestAssured framework**
* Test Planning and Prepared Test Cases using **BDD** and Cucumber Framework in WebDriver.
* Created Gradle Project using Gradle build automation tool to create dependencies like wars, jars.
* Used GitHub, source code management tool for code re-usage, high portability extending scope of Automation Testing.
* Reviewing the Test Reports using **TestNG framework.**
* Performed the API testing manually using **Postman API tool** and validated the different responses of API calls.
* Worked with programmers to test the daily builds and reported bugs.
* Collaborated with development on test automation efforts to ensure that development supports the testing solutions.
* Worked with Developers and Quality Assurance associates to identify and implement test suites/test cases for diverse projects.
* Developed SQL queries and Joins for validating data in Data Base and used Excel files for test data. Prepared and executed Test Cases as per System Requirements and User Stories. with Team members to develop TEST Plan document.
* Validating data in MongoDB.
* Defect Tracking and Reporting, logged defects using JIRA tool and reported it to the developer.
* Gather Business Requirements for Functional user stories and analysis impact on data platform
* Queries with Multiple SQL Joins written and executed for Backend to Frontend Validations.
* Scheduled and conducted Review Meeting for Test Scenarios, Test Cases, and Test Conditions covered based on Functional specifications with impact on reporting data.
* Experience on CI/CD -Used Gradle/Maven for build management, GIT as source repository and Jenkins for Continuous Integration of the builds.
* Implemented Regression and Smoke tests execution as separate step of deployment process.

**Client – Cotiviti**

**Location- Hyderabad, India Duration: 08th Jan’2016 – 26ST April’2018**

**Role – Sr. Engineer**

Technical Environment: Java, selenium, Eclipse, Maven, GitHub, Jenkins, TestNG, API, POM, Oracle, Confluence, Jira

Roles & Responsibilities:

* Coordinated with the project manager to understand client specifications.
* Worked with developers to track backlog items.
* Created test plan for every release.
* Developed the Automation Test Scripts in **Selenium WebDrive**r using Java based on the design pattern **Page Object Model** for reusability
* Prepared Test Cases using **Data Driven** in WebDriver.
* Prepared Excel files for collection of data and Element Locators using object repository, used this in test suite with the help of **APACHE POI library files**.
* Created Maven Project using Maven build automation tool.
* Triggered POM.XML files using Jenkins, Continuous Integration Tool to generate reports and to trigger periodically.
* Project is under Agile environment, attended daily stand-up meetings, provided daily status on manual and automation test results. Attended sprint plan meetings to review the user stories and story points.
* Worked with programmers to test the daily builds and reported bugs.
* Updated testing documentation for new hires.
* Collaborated with development on test automation efforts to ensure that development supports the testing solutions.
* Performed functional, compatibility testing on different browsers like Firefox & Chrome.
* Developed SQL queries and Joins for validating data in Data Base and used Excel files for Data Driven Automation testing. Prepared and executed Test Cases as per System Requirements and User Stories. with Team members to develop TEST Plan document.
* Defect Tracking and Reporting, logged defects using JIRA tool and reported it to the developer. ¬ Developed and executed Test cases.
* Queries with Multiple SQL Joins written and executed for Backend to Frontend Validations.
* Experience of writing **complex SQL queries**.
* POC done for tool Data Gaps BI Validator and Kinesis for Tableau Reports Automation Testing.
* Performed the API testing using **Postman API tool** and validated the different responses of API calls.
* Use Jenkins and Mesos for Running of QA Chronos data Jobs and status and Logs verification,
* Scheduled and conducted Review Meeting for Test Scenarios, Test Cases, and Test Conditions covered based on Functional specifications with impact on reporting data.
* Actively Participated in Defect Triage calls and Sprint planning meetings, Requirement Review meeting and walkthroughs and Retrospective Meetings.
* Implemented Regression and Smoke tests execution as separate step of deployment process.

**Client – Valuelabs**

**Location- Hyderabad, India Duration: 13th April’2013 – 08th Jan’2016**

**Role – Manual and Automation Engineer**

**Technical Environment:** Java, selenium, Eclipse, Maven, GitHub, Jenkins, Postman, TestNG, API, POM, SQL, Oracle, Confluence, Jira, Business rules testing

Roles & Responsibilities:

* Designed and Developed the Automation Test Scripts using Selenium WebDriver using Java. Reviewed the Test Reports using TestNG.
* Performed Functional Testing, Data Driven Testing, and Cross Browser Compatibility Testing on different browsers like Firefox & Chrome.
* Developed Test cases using Element Locators and Selenium WebDriver methods.
* Enhanced Test cases using Java Programming features and TestNG Annotations.
* Execution of Selenium test suite and developed reports and reported defects.
* Involved in Retesting and Regression Testing using Selenium WebDriver.
* Developed SQL queries and Joins to validate the reports.
* Supported product rollouts across multiple code releases.
* Validated data of different file formats like 834, xml and text files
* writing test cases for new product development (5X)
* Conducted Daily Stand-up calls to track Progress of the team- Offshore and Onshore Team and daily status on manual and automation test results to Management.
* Scheduled and conducted Review Meeting for Test Scenarios, Test Cases, and Test Conditions covered based on Functional specifications with impact on reporting data.
* Actively Participated in Defect Triage calls and Sprint planning meetings, Requirement Review meeting and walkthroughs.
* Prepared and Shared Daily status Report to stakeholders, Dev and BA's.
* Performed various black box testing methodologies like functional testing manual testing, Regression Testing, Smoke Testing, UAT.
* Prioritized the defects and the severity levels using ALM and discussed with the developers to resolve the issues.