

PRASANTH VIRUTHACHALAM

QUALITY ASSURANCE ENGINEER

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CAREER OBJECTIVE

- 3 + years of experience as Quality Assurance Engineer specializing in Selenium automation tools. My objective is to secure a role that allows me to revamp and strengthen automation frameworks ultimately driving greater efficiency and accuracy in testing protocols.

SUMMARY

- 3+ Years of experience as Software Test Engineer in **Manual Testing, Automation Testing and API Testing**.
- Expertise in test script creation using Selenium Web Driver with **Java**.
- Hands on experience in creating **Dynamic XPATH**.
- Have strong experience in frameworks like **Behavioral driven development (Cucumber), Junit, Page object Model (POM), TestNG and data-driven** frameworks.
- Experience in Cross browser automation through automation testing.
- Hands-on experience in Tracking and Reporting of defects using Defect Tracking Tool **JIRA**.
- Involved in testing life cycle such as test case creation, defect entering, and defect validation.
- Possess strong skills in System, **Regression, Smoke, Sanity, End to End and Adhoc testing, Effort Estimation, Creating Test Plans and Test Scripts/ Cases**.
- Good knowledge of the **Software Development Life Cycle (SDLC), Software Test Life Cycle (STLC) and Agile Methodology**.
- Extensive experience in maintaining my code over version control using **GIT**.
- Executed automation scripts on different browsers / environments & reported defects results to the team.

EXPERIENCE

Tek systems

Nov 2020 - Till Present

SKILLS

- **Programming Language** : Core Java
- **Functional Tool** : Selenium Web Driver, Eclipse , MS-Suite (MS Word, MS Excel, MS Outlook)
- **Frameworks** : Cucumber, TestNG, POM, J-Unit, Data Driven
- **Integration Tool** : Jenkins
- **Build Tool** : Maven
- **Version Control Tool** : GIT
- **Bug Tracking Tool** : JIRA
- **API Testing** : Rest Assured and Postman

PROJECTS

DIGIASSESS

Feb 2022 - Till Present

Description: Digiassess helps colleges and universities to conduct high standard and quality assessments. It simplifies the assessment preparation for onsite and remote exams without compromising exam integrity.

ROLES & RESPONSIBILITIES :

- User stories are analyzed to define acceptance criteria for each release and sprint.
- Selenium WebDriver automated tests are created for continuous regression using Jenkins to reduce manual testing, utilizing Selenium, Cucumber, and Maven.
- Cross-browser and parallel tests are executed with Cucumber.
- Defects are managed in JIRA, involving raising, assigning, tracking, retesting, and monitoring until closure.
- Test scripts are actively written and maintained, run on various browsers in a data-driven framework using the Page Object model, Cucumber, and Apache POI.
- Maven is leveraged for project build management.
- Scripts for smoke testing are maintained and automated, triggered by Jenkins.
- Test case walk-throughs are conducted with clients and development teams to ensure alignment and clarity for applications.

BCBS

Nov 2020 - Jan 2022

Description: Headquartered in Chicago, United States. Blue Cross Blue Shield (BCBS) companies have provided healthcare coverage to members, allowing them to live free of worry, free of fear. In every ZIP code, Blue Cross Blue Shield offers a personalized approach to healthcare based on the needs of the communities. We can book nearby doctors online and get in-house treatment.

ROLES & RESPONSIBILITIES :

- Conducted manual testing with a keen eye for detail, meticulously spotting defects to uphold data accuracy and system dependability.
- Comprehended and analyzed test requirements thoroughly.
- Developed test scenarios, documented test cases, and gathered test data for functional testing.
- Generated test batches, executed test cases, and reported defects.
- Tracked defects, selected test cases for retesting and regression testing.
- Carried out Smoke, Sanity Testing, Retesting, and Regression Testing on updated Software Builds.
- Utilized MySQL server for comprehensive data validation in financial software, prioritizing data integrity and confidentiality.
- Analyzed user stories and strategized the completion of user stories within specific sprints.

EDUCATION

BE (Mechanical Engineering)

- 2019

Parisutham Institute of Technology and Science, Thanjavur. (Affiliated to Anna University, Chennai)