Prasanth K

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Summary

Results-driven software engineer with over 4 years as a Frontend Developer / QA Automation Engineer, I have extensive experience in Website Development and testing software applications and ensuring their quality. I am proficient in designing and executing automated test scripts, identifying and documenting software defects, and creating test plans and test cases in Agile environments.

Skills

Proficient: QA Automation, Azure DevOps, Cypress, Python, Pytest, Selenium, FlexPLM, ADO Repos, Postman, SQL.
Familiar: Java, AWS, Jmeter.
Tools and Methodologies: SCRUM, JIRA
Repository System: GitHub, Azure DevOps Repos

Work Experience

Tata Consultancy Services
QA Automation Engineer [Sep 2021 - Present]

- Proposed a design and implemented a POM(Page Object Model) based automated- testing framework using Python/Selenium for smoke and regression test suites.
- Involved in the preparation of Test Plan and Test Approach artefacts with resource requirements and time estimates along with the manager.
- Proposed and created automated test cases and suits for Functional and Regression testing based on software requirements using Selenium (IDE and WebDriver)- Hybrid Framework which resulted in a 30% reduction in the manual QA execution time.
- Configured the CI and CD pipeline using ADO (Azure Devops) which ensures the continuous integration and deployments.
- Collaborating closely with developers to enhance testing through in-depth understanding of the system and source code under test.
- Used Agile Methodology (Scrum) to ensure the new features meet the customer requirements and acceptable quality and assurance standards
- Configured a custom QA defect tracker in Azure Devops using a query and tracked all the bugs in ADO and Re-tested the fixed bugs and closed.
- Configured a custom QA Dashboard in Azure DevOps using a custom query to fetch all the bugs that have been captured in ADO and displayed in the custom QA dashboard.
- Performed as a Scrum master for a while and facilitated the PI(Program increment) Planning, Sprint Retrospective, Sprint Review, Sprint Backlog refinement, Daily Stand Ups, and Scrum of Scrums.
- Worked closely with the PO(Product Owner) and reported the daily outcomes and impediments from the Team.

Tata Consultancy Services
asst. QA System Engineer   [Sep 2019 - 2021]

- Worked in a Retail project (FlexPLM) as a team member closely with the Project Manager, Business Analyst, Technical lead and others to ensure implementations are completed on time and within budget
- Managed daily testing activities, identifying project risks to provide quality products.
- Performed positive and negative testing by inputting valid and invalid data.
- Involved in functional testing, regression testing, automation testing, integration testing, end-to-end testing and smoke testing.
- Involved In Development activity by Code retrofit of Jsp, Js, and Java files during FlexPLM v_11 Upgrade, configuring FlexPLM application based on the business value.

Education

Bachelor of Computer Science and Engineering   **Chennai**

SRM Institute of Science & Technology   May 2015 - April 2018