Piyush Patil

 Pune   ✉ piyushpatil617@gmail.com   📞 099705 96397   in piyush-patil917   ○ KrispyEngineer

Summary

Accomplished Quality Assurance Engineer with comprehensive experience in manual and automated testing for web applications and backend systems. Proven ability to design and execute robust test strategies within fast-paced Agile/Scrum environments. Expertise in API testing, CI/CD integration, and collaborating with cross-functional teams to ensure product quality and drive continuous improvement. Skilled in leveraging tools like Selenium, Playwright, Postman, and JIRA to enhance testing efficiency and release reliability.

Skills

QA Processes & Methodologies: Test Strategy & Planning, Manual & Exploratory Testing, Regression Testing, Defect Lifecycle Management, Risk Analysis, Agile/Scrum Methodologies, Stakeholder Collaboration, Test Case Design & Execution

Technical: Python, JavaScript, Selenium, Playwright, API Testing (Postman, Newman), Pytest, Locust, CI/CD Pipelines (GitHub Actions, adaptable to Jenkins), JIRA, Zephyr, SQL, Git, New Relic

Experience

Associate Consultant/Senior SDET, Capgemini   *Feb 2023 – Jan 2024*
Enterprise Application [Restaurant Retail Info Management] - Greenfield Project

- Led test planning activities, collaborating closely with developers, product owners, and designers to clarify acceptance criteria and define comprehensive test scope.
- Defined and executed the API testing strategy using Postman-Newman, integrating automated suites into GitHub Actions CI/CD pipelines, which reduced regression testing time by 60%.
- Engineered a scalable UI automation framework using Selenium and Python with Pytest, achieving 85% coverage for critical user workflows and ensuring robust regression testing.
- Improved release reliability by implementing automated failure alerts and a smoke-test-based rollback mechanism, effectively communicating deployment risks to the team.
- Conducted end-to-end performance tests using Locust, identifying and reporting critical bottlenecks (monitored via New Relic) to improve application response times.

SDET, Capgemini   *Feb 2022 – Jan 2023*
Enterprise Application [Restaurant File Management]

- Designed comprehensive test plans, test strategies, and manual test cases for new features within an Agile/Scrum framework, ensuring thorough requirement coverage in Zephyr.
- Managed the end-to-end defect lifecycle using JIRA, from identification and reporting to resolution, providing detailed defect and test execution dashboards to stakeholders.
- Executed critical end-to-end manual and automated tests for a complex legacy-to-microservices migration project, ensuring data integrity and functional parity.
- Improved automation script efficiency and maintainability by 30% by implementing reusable page objects and robust locator strategies.
- Mentored new team members on product features and test automation best practices, and conducted peer code reviews to maintain high-quality standards.

SDET Trainee, Capgemini   *Aug 2021 – Jan 2022*

- Completed intensive training in Python, Selenium, and Agile/Scrum methodologies for both functional and automation testing.
- Contributed to a client project by assisting in test planning, designing and documenting test cases, and executing functional tests.

Education

SKN Sinhagad Institute of Technology and Science   *Pune, IN*
Bachelors in Engineering in Mechanical Engineering   *Aug 2016 – Sept 2020*
CGPA - 8.33

Achievements

Certifications: PSM I - Professional Scrum Master (Scrum.org), Selenium Webdriver with PYTHON from Scratch + Frameworks

Awards: Certificate of Appreciation - Capgemini