

Piyush Patil

Pune piyushpatil617@gmail.com 099705 96397 piyush-patil917 KrispyEngineer

Summary

Senior SDET with 4+ years of experience designing and implementing robust, Python-based test automation frameworks. Deep expertise in Pytest and Selenium, with a strong architectural foundation readily adaptable to keyword-driven frameworks like Robot Framework. Proven ability to lead testing initiatives, mentor team members, and drive process improvements within Agile, CI/CD environments to ensure superior software quality and reliability.

Skills

Technical: Python, Pytest, Robot Framework (proficient in underlying keyword-driven principles), Selenium, API Testing (Postman, Newman), CI/CD Pipelines (GitHub Actions, Jenkins), Git, Bitbucket, SQL, JIRA, JavaScript

Other: Test Strategy & Framework Design, Test Automation Best Practices, Agile Methodologies (Scrum), Leadership & Mentoring, Defect Lifecycle Management, Cross-functional Collaboration

Experience

Associate Consultant/Senior SDET, Capgemini

Feb 2023 – Jan 2024

Enterprise Application [Restaurant Retail Info Management]- Greenfield Project

- Designed, developed, and maintained a scalable Python-based UI test automation framework using Pytest and Selenium, reducing manual regression testing time by over 70%.
- Architected and implemented automated REST API test suites using Postman–Newman, fully integrated into the CI/CD pipeline (GitHub Actions) to validate every code merge and deployment.
- Led test strategy planning and collaborated with cross-functional teams to translate business requirements into comprehensive and effective automated test cases.
- Enhanced the CI/CD process by incorporating automated failure alerts and deployment rollback triggers based on smoke test results, significantly improving release stability.
- Developed and executed performance test scripts using Locust, providing critical insights into system bottlenecks and ensuring application scalability under load.

SDET, Capgemini

Aug 2021 – Jan 2023

Enterprise Application [Restaurant File Management]

- Demonstrated leadership capability by mentoring junior SDETs on test automation fundamentals, Python best practices, and framework architecture, fostering team skill development.
- Continuously improved the test automation framework by implementing reusable components and a Page Object Model (POM), increasing script efficiency and maintainability by 30%.
- Played a key role in bug identification and tracking within an Agile (Scrum) workflow, using JIRA to create detailed defect reports and dashboards for stakeholder visibility.
- Designed and documented comprehensive test strategies and plans for new feature releases, ensuring alignment with the software development lifecycle (SDLC).

SDET Trainee, Capgemini

Aug 2021 – Jan 2022

- Received intensive training in core automation technologies including Python, Selenium, and BDD principles within an Agile context.
- Contributed to client projects by assisting in test planning, manual test case design, and execution, quickly applying learned automation concepts.

Education

SKN Sinhagad Institute of Technology and Science (Pune)

Pune, IN

Bachelors in Engineering in Mechanical Engineering

Aug 2016 – Sept 2020

CGPA - 8.33

Achievements

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

Awards: Certificate of Appreciation