Piyush Patil

⚲ Pune   ✉ piyushpatil617@gmail.com   ☎ 099705 96397   in piyush-patil917   ⌂ KrispyEngineer

Summary

SDET with 4+ years of experience in automation, API testing, and performance engineering. Skilled in building robust Python-based test frameworks using Selenium, Pytest, Locust, and Postman. Strong expertise integrating automation into CI/CD pipelines using Newman and GitHub Actions, including parallel execution and automated rollback mechanisms. Experienced in leveraging AI-driven automation generation using Copilot + Playwright MCP.

Skills

Technical: Python, JavaScript, bash, Selenium, Playwright, Pytest, Locust, API Testing (Postman-Newman), SQL, Jenkins, Bitbucket, GitHub, New Relic, CI/CD Pipelines, JIRA, GitHub Actions, Copilot

Other: Test Design & Planning, API Testing, Performance/Load Testing, Defect Management, Requirement Analysis, Version Control, Agile Methodologies

Experience

Capgemini, Associate Consultant/Senior SDET   Feb 2023 – Jan 2024

Enterprise Application [Restaurant Retail Info Management]- Greenfield Project

- Built and automated REST API test suites using Postman–Newman, with full test case documentation in Zephyr and CI/CD integration in GitHub Actions for automatic runs on every code merge and deployment.
- Improved release reliability by adding MS Teams failure alerts, publishing test artifacts, and implementing an API smoke-test–based deployment rollback.
- Engineered and maintained a robust Web UI automation framework using Selenium and Python with Pytest, achieving comprehensive regression coverage.
- Developed and executed end-to-end load test scripts along with Rest API tests using Locust with Python, using AWS for distributed load generation and Argo CD for automated workflows.
- Monitored infrastructure metrics using New Relic and analyzed response times to report performance insights and bottlenecks to stakeholders.
- Planned testing activities, collaborated with stakeholders for requirement clarity, and executed POCs and research to support high-quality releases aligned with business expectations.

Capgemini, SDET   Aug 2021 – Jan 2023

Enterprise Application [Restaurant File Management]

- Designed and documented test strategies and manual test cases for high-impact features within an Agile sprint-based workflow.
- Played a key role in bug identification and lifecycle management, creating detailed execution and defect dashboards in JIRA for major releases.
- Mentored new hires on product features, test automation fundamentals & conducted code reviews for automation and load testing scripts.
- Executed end-to-end tests for migration from legacy to microservices.
- Implemented reusable page objects, generic locators, and utility functions to improve automation script efficiency by 30%

Capgemini, SDET Trainee   Aug 2021 – Jan 2022

- Trained in Python, Selenium, Cucumber, and Agile practices for functional and automation testing.
- Contributed to client project in test planning, case design, documentation, and execution.

Education

Bach- | **SKN Sinhagad Institute of Technology and Science (Pune)**, Mechanical Engi-   Pune, IN
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ing** CGPA - 8.33

Achievements

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

Awards: Certificate of Appreciation ↗