

Piyush Patil

📍 Pune ✉️ piyushpatil617@gmail.com ☎️ 099705 96397 💼 piyush-patil917 🤖 KrispyEngineer

Summary

SDET with 3+ years of experience in web and API automation, performance testing, and CI/CD integration. Skilled in Selenium (PyTest), Playwright, Postman/Newman, and Locust. Proven ability to develop and maintain automation frameworks, integrate tests into GitHub Actions, and collaborate cross-functionally to drive quality.

Skills

Languages: Python, Java, JavaScript, TypeScript, Bash, YAML

Automation: Selenium [Pytest, Opentest], Playwright, Postman Newman, Locust, Cucumber

Tools/Platforms: POSTMAN, NewRelic, Jira, Confluence, SwaggerHub, VSCode/PyCharm/IntelliJ

Version Control: Git/GitHub, BitBucket

Devops & CICD: GitHub Actions, Jenkins, Kubernetes(EKS), AWS

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

Experience

Associate Consultant

Cappgemini

Pune, IN

May 2021 – present

Enterprise Application [Restaurant Retail Info Management]- Greenfield Project

- Collaborated directly with stakeholders to define testing strategies and wrote user stories in absence of a BA to ensure proper sprint planning.
- Designed and implemented API test cases using Postman, automated execution with Newman, and developed a custom Python script for parallel execution with dynamic environment handling.
- Integrated API testing workflows into GitHub Actions CI/CD pipeline, with HTML/JSON reporting and failure-triggered email notifications.
- Led tool evaluation for UI automation (Playwright vs Cypress), chose Playwright, developed E2E test scripts, and integrated them into CI/CD.
- Built and executed performance tests using Locust with AWS-based distributed load generation; automated via Argo CD for scalable testing.
- Monitored app performance with New Relic, analyzed infrastructure metrics, and reported insights and bottlenecks to key stakeholders.

Cappgemini

Enterprise Application [Restaurant File Management]

- Developed and maintained robust web automation scripts using Selenium with the OpenTest framework in an Agile environment.
- Designed and executed mixed-load performance testing using Locust (Python) to simulate realistic traffic patterns and assess system stability.
- Created test strategies and documentation for major releases, including regression impact analysis for new features.
- Played a key role in identifying critical bugs and created real-time test execution and defect dashboards in JIRA.
- Reviewed and merged pull requests for load testing scripts and mentored new hires on QA processes, tools, and product features.

Education

SKN Sinhad Institute of Technology and Science

B. Tech. in Mechanical Engineering

CGPA - 8.33

Pune, IN

Aug 2016 – May 2020

Achievements

Certifications: [PSM I - Scrum.org](#), [Selenium Webdriver with PYTHON from Scratch + Frameworks](#)