

# Piyush Patil

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

## Summary

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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

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**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

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### 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

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### SKN Sinhgad Institute of Technology and Science (Pune)

Bachelors in Engineering in Mechanical Engineering  
CGPA - 8.33

Pune, IN

Aug 2016 – Sept 2020

## Achievements

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

**Awards:** Certificate of Appreciation