Piyush Patil

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# Summary

QA Automation Engineer with 3+ years of experience in web and API test automation, performance testing, and CI/ CD workflows. Proficient in Python and Pytest, with strong skills in test framework development, debugging, and cross- functional collaboration. Experienced in testing backend services, building test strategies, and ensuring software quality in Agile environments.

# Skills

**Languages:** Python, Java

**Frameworks:** Pytest, OpenTest, Locust

**Scripting & OS:** Bash, Linux (Ubuntu, Amazon Linux)

**Devops & CICD:** Git/GitHub, BitBucket, GitHub Actions

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

# Experience

## Associate Consultant

*Capgemini*

Enterprise Application [Restaurant Retail Info Management]- Greenfield Project

*Pune, IN May 2021 – present*

* Developed reusable API test suites in Postman and automated them using Python-Newman scripts with parallel execution logic.
* Integrated API test suites into deployment pipeline using GitHub Actions, facilitating failure reporting via MS Teams channel and test artifacts in GitHub.
* Integrated Pytest-based and Playwright test frameworks into CI/CD using GitHub Actions, with failure reporting via MS Teams channel and test artifacts in GitHub.
* Conducted performance testing using Locust and Python, simulating distributed traffic from AWS, automated via Argo CD pipelines.

*Capgemini*

Enterprise Application [Restaurant File Management]

* Developed and maintained test automation scripts using Selenium and OpenTest with Python in an Agile environ- ment.
* Designed and executed performance test plans using Locust, ensuring backend service reliability under mixed-load conditions.
* Authored and managed test strategies, regression plans, and defect tracking dashboards using JIRA and Confluence.
* Mentored new QA engineers and conducted code reviews for automation and load testing scripts.

# Education

## SKN Sinhagad Institute of Technology and Science

*B. Tech. in Mechanical Engineering*

CGPA - 8.33

*Pune, IN Aug 2015 – May 2020*

# Achievements

**Tools:** Experience with Pytest, JIRA, Git, Bitbucket, GitHub Actions, New Relic, and Postman for automation and defect management

**Certifications:** [PSM I - Scrum.org](https://drive.google.com/file/d/1YBgERJLMjptMqPFFC1ljwKDounLrExY5/view?usp=drive_link), [Selenium Webdriver with PYTHON from Scratch + Frameworks](https://www.udemy.com/certificate/UC-8a1719a3-edb2-4db6-a990-210615d9f3aa/)

**Awards:** [Certificate of Appreciation](https://drive.google.com/file/d/1fXg38G8x78WyMi1pISv_POwKK-B7-u13/view?usp=sharing)