

# Piyush Patil

📍 Pune    ✉️ piyushpatil617@gmail.com    ☎️ 099705 96397    💻 piyush-patil917    🧑‍💻 KrispyEngineer

## Summary

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Value-driven, 3.5+ years experienced SDET with expertise in automation, performance testing, and CI/CD, leveraging Python, Pytest, Selenium, and Locust. Proven track record in mentoring individuals, optimising and automating processes and test planning for high-quality software deliveries.

## Skills

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**Technical:** Python, Java, JavaScript, TypeScript, Shell, Selenium, Playwright, Cucumber, Pytest, Locust, Postman, SQL, Flask, CSS, Linux, AWS, Jenkins, Bitbucket, GitHub, New Relic, CI/CD Pipelines, JIRA

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

## Achievements

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**Certifications:** PSM I - Scrum.org, CS50x - Harvard, Automation Practitioner - Capgemini

**Awards:** Rising Star, Value Innovation, Meritorious Performance

## Experience

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### Associate Consultant

Capgemini

Pune, IN

Feb 2024 – present

- Leading performance testing efforts for a global enterprise web application, developing and executing tests with Locust, analyzing and publishing performance insights.
- Automating end-to-end test cases for regression and functional testing using JavaScript and Selenium.
- Developed and optimized SQL queries for validating test data and performing backend validations in test scripts.
- Creating reusable macros, functions and generic locators, reducing script development time.
- Overseeing version control, reviewing, and merging pull requests for load test scripts ensuring high-quality code.
- Mentored new hires for load test scripting in Locust.
- Built an automated UI testing suite for mobile apps using Selenium, reducing manual testing efforts by 70%.

### Senior SDET

Capgemini

Feb 2023 – Jan 2024

- Developed and executed end-to-end load test scripts along with Rest API tests using Locust with Python, using AWS for 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.
- Developed a custom VSCode linter extension with TypeScript and NodeJS for our framework to detect script bugs early, reducing debugging time.
- Executed end-to-end tests for migration from legacy to microservices.

### SDET

Capgemini

Feb 2022 – Jan 2023

- Developed test strategies for major releases, documenting test cases for new feature impacts in an Agile environment.
- Improved QA environment management by automating ticket creation for build upgrades, reducing manual efforts.
- Mentored new hires on product features, test automation, and QA processes, accelerating onboarding and productivity.
- Played a key role in bug identification, creating test execution and defect dashboards in JIRA for major releases.

### SDET Trainee

Capgemini

Aug 2021 – Jan 2022

- Trained in web development, Core Java, Selenium, Cucumber and Agile practices for functional and automation testing.
- Hands-on training and contribution for a client in test planning, design, documentation and execution.

## Education

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**Institute of Infrastructure, Technology, Research and Management (Gov. of Gujarat)**

*Ahmedabad, IN*

*B. Tech. in Electrical Engineering*

*Aug 2017 – May 2021*

- Electives: Computer Networks, Defence Technologies (DRDO), Geographic Information Systems (GIS), Swarm Robotics
- Other Courses: [Basic Principles of Remote Sensing \(ISRO\)](#), [Siemens NX](#)