KUSHI A S

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Profile Summary

- Software Development Engineer in Test (SDET) with 1+ years of experience designing scalable automation frameworks for web and API testing. Proven ability to boost test coverage by 45%, accelerate regression cycles by 60%, and integrate testing into CI/CD pipelines for faster, defect-free releases.

Skills

- **Test Automation:** Selenium WebDriver, TestNG, Robot Framework (BDD/TDD)
- **API Testing:** REST Assured, Postman, Automated API Validation
- **Programming:** Java, Python, TypeScript
- **CI/CD & DevOps:** Jenkins, GitHub Actions, Docker, Kubernetes
- **Tools & Practices:** JIRA, Git, Containerization, Continuous Testing (Shift-Left)

Experience

Practo Technologies Pvt Ltd   **Jun 2023 – Present**
Software Development Engineer in Test (SDET)   *Bangalore*

- Automated 150+ UI and API test cases using Selenium (Java) and Robot Framework (Python), cutting manual effort by 50%.
- Increased automated coverage by 45% and reduced regression cycles by 60%, enabling faster, high-quality releases.
- Built keyword-driven and data-driven frameworks for reusability and maintainability across multiple projects.
- Integrated automated suites into CI/CD pipelines (Jenkins, GitHub Actions) to enforce continuous quality gates.
- Collaborated with DevOps to containerize test environments (Docker, Kubernetes), ensuring consistent multi-platform execution.
- Implemented shift-left testing practices with development teams, catching 30% more defects pre-release.
- Added API response time and reliability checks; reduced post-release production issues by 20%.
- Mentored junior engineers on automation best practices, improving code quality and team productivity.

Projects

API Test Automation Dashboard | GitHub

- Developed dashboard using Python (Flask/FastAPI) and React/Vue to visualize API test metrics (pass/fail, response time, coverage).
- Integrated Robot Framework tests into CI/CD (GitHub Actions, Jenkins) for real-time quality reporting and monitoring.

Web Application Test Automation | GitHub

- Automated end-to-end UI flows using Selenium and TypeScript; achieved 60% faster execution via parallelization.
- Created dashboards to track flaky tests, improving reliability and increasing release confidence.

Certifications

- ISTQB Certified Tester Foundation Level
- AWS Certified Cloud Practitioner
- Python for Everybody (Coursera)
- Web Development (HackerRank)

Education

Presidency University, Bengaluru   **Apr 2020 – May 2024**
B.Tech in Computer Science & Engineering