PARAG PATIL

☎ +91-7666170317 ✉ paragpatil.rcpit@gmail.com 🔗 Linkedin ⧉ Github 🌐 Portfolio

WORK EXPERIENCE

AOI (Atlanta) ⎘   **April 2025 - Present**
Software Engineer   *Remote*

- Developed and maintained **API testing automation scripts** using **Pytest and Python**, improving coverage and efficiency in validating backend services.
- Designed and executed **full functional automation test cases** with **Behave and Gherkin**, ensuring behavior-driven testing aligned with business requirements.
- Implemented **UI automation test cases** using **Playwright with Python**, validating end-to-end user journeys across browsers and environments.
- Worked with **Locust** for **API performance testing**, identifying bottlenecks and optimizing system performance under load.

WebLedger (Surat) ⎘   **August 2024 - April 2025**
Software Engineer   *Surat, Gujrat*

- Developed and maintained **automation test scripts** for the entire product using **Playwright with TypeScript**, ensuring high reliability and repeatability across critical user journeys.
- Authored over **1000+ manual test cases** in **Wiki.js**, following standardized test case design principles to ensure clarity, coverage, and traceability.
- Conducted structured testing across environments **Smoke Testing in Dev**, **Regression Testing in QA**, and **Integration Testing in Staging** to ensure consistent functionality and early defect detection.

TECHNICAL SKILLS

Programming Languages: HTML, CSS, JavaScript, Python, Java, Gherkin
Testing Tools / Frameworks: Pytest, Behave, Playwright, Selenium, Locust, Postman, Jira, Plane.so
Testing Types: Manual Testing, Automation Testing, API Testing, UI Testing, Regression Testing, Smoke Testing, Bandwidth Testing
Other Tools/ Framework: Tableau, Power BI, MS Excel, Jupyter, WordPress, Framer, React.js
Cloud Platforms: Google Cloud Platform (GCP), AWS

PROJECTS

QL-Central – Performance & Load Testing | JMeter, Selenium, Java   **2024**

- Designed and executed **load and stress test plans** to evaluate system behavior under 1000+ concurrent device simulations.
- Created **multi-threaded scenarios** aligned with RBAC workflows to validate real-time functional and performance behavior.
- Performed **API validation and UI functional testing** using Selenium and Java to ensure stability during heavy load.
- Analyzed test results, identified bottlenecks, and collaborated with developers to optimize system performance.

API Automation & Load Testing Framework | Pytest, Locust, Python   **2024**

- Automated more than **300+ APIs** covering authentication, device management, configurations, and reporting modules.
- Developed **Pytest-based automation suites** for functional, integration, and regression validation across services.
- Implemented **Locust-based load tests** to measure API throughput, latency, and concurrency limits before production deployments.
- Created CI-ready test scripts enabling **daily sanity executions** to catch defects early in the release cycle.

EDUCATION

R. C. Patel Institute of Technology, Shirpur   **2020 − 2024**
*B.Tech - Computer Science and Engineering - **CGPA** - **8.5***   *Shirpur, Maharashtra*