Francisco Perez Leiros

37129, Verona, Italy
(Mobile) +393444617992 (Email) Fran.pl@icloud.com

Summary

QA Automation Engineer with over 5 years of experience specializing in architecting and deploying scalable test automation frameworks. I possess expertise across the full Quality Assurance lifecycle, from designing detailed Test Plans and authoring comprehensive test cases to executing thorough Functional, Integration, and API testing. Proficient in building robust automation solutions using **Playwright with TypeScript, including Playwright MCP for enhanced test orchestration and maintainability**, and also versatile with **Python and Selenium**. Experienced in integrating automation frameworks into **Azure DevOps and GitHub Actions CI/CD pipelines**, enabling continuous testing across **front-end and back-end web applications (API)** . Committed to maximizing product reliability and performance through rigorous validation, effective test strategy design, and data-driven root cause analysis.

Experience

11/2024 - 11/2025

Tetrapak - Modena Italy - Hybrid
Quality Assurance Test Specialist
- Conducted system and integration testing on **Docker**-containerized applications across cloud platforms (**Linux** CentOS), ensuring compliance with functional and safety requirements.
- Analysed and interpreted **SQL**-based log data generated by automation systems to verify system behaviour, troubleshoot issues, and support root cause analysis.
- Performed Verification and Validation of test plans and authored comprehensive test cases in Gherkin (BDD) for industrial automation systems deployed on Beckhoff TwinCAT PLCs, ensuring clear, behavior-driven specifications.

12/2023 - 11/2024

Cemantica - Paris France - Remote
Quality Assurance Specialist
- Managed the full QA process, including the development of comprehensive test suites and the execution of functional, regression, and integration tests.
- **Engineered a test automation framework** from scratch using **TypeScript** and **Playwright**, integrated directly into **Azure DevOps** pipelines for automated runs. Also used **GitHub** and **GitHub Actions.**
- Executed a hybrid testing strategy, utilizing automated scripts for regression while performing manual testing for edge cases and UI/UX validation.
- Acted as the primary technical point of contact for defect resolution, debugging to assist the development team in fixing high-priority bugs.

03/2022 - 12/2023   **Tudip Technologies** - Pune India - Remote
QA Engineer
- Reviewed functional and design specifications to to align testing objectives with project requirements and identify testability gaps early in the development cycle.
- Developed and executed detailed test cases for web and mobile platforms (iOS & Android), covering user authentication, payment processing and core application workflows.
- Collaborated with a Senior QA Engineer to design and develop test cases using **Gherkin (BDD)** and **Selenium** with **Python**, integrating them into a Jenkins CI pipeline.
- Conducted functional, regression, integration, and accessibility testing.
- Performed **REST API** testing using **Postman**, validating endpoints, response codes, and data integrity.
- Mentored new hires and led onboarding processes.

11/2020 - 03/2022   **UTest** - Massachusetts United States - Remote
QA Tester
- Conducted manual testing of web-based platforms, developing detailed test plans and cases.
- Performed functional, regression, integration, and user acceptance testing to ensure platform stability.
- Collaborated with teams to validate new features and identify critical bugs.

Skills & Tools

- Clear Communication
- Test Automation
- Pipeline Design
- Documentation writing
- Agile/Scrum Methodologies
- End-to-End (E2E) Testing
- Regression Testing
- System Testing
- Integration Testing
- Database Testing (SQL)
- Accessibility testing
- API testing
- Mobile Testing
- Cross-browser Testing

- Jira
- Github
- Azure DevOps
- Postman
- JavaScript
- TypeScript
- Python
- SQL
- Playwright
- Selenium
- TestRail
- Docker
- Playwright MCP
- Cursor
- Copilot

Languages

English: C2
Proficient

Spanish: C2
Proficient

Italian: B1
Intermediate

Education

01/2011   **University Of Belgrano** - Argentina
Bachelor: Psychology

Linkedin & Web

https://www.linkedin.com/in/francisco-leiros/
https://saicisco.github.io/porfolio/

Certifications

- Data Science & AI, UNSAM Data Science & AI Machine Learning -2023
- Professional Testing Master - National Technological University - 2021