

MARCELO HENRIQUE FERREIRA PINHEIRO

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Software QA Engineer – ISTQB Certified Test Analyst

Summary

Software QA Engineer with over 5 years of experience and ISTQB certifications (CTFL and CTFL-Agile Tester). Specialized in integration and acceptance testing, test automation using Robot Framework and Playwright, as well as performance testing with k6. Strong interest in test automation, performance testing, agile methodologies, and system/integration testing.

Education

- Diploma in Software Development, Instituto Federal do Paraná - Campus Cascavel.
- B.Sc. in Software Engineering, Faculdade Descomplica.

Work Experience

- **QA Engineer, Tecnologia Única, 2020-2025**

QA Automation Engineer, Outsourced to *Sovos USA (2025–2026)*

- Automated test development and regression execution using Robot Framework
- API validation and Automation (REST and SOAP)
- CI/CD pipeline integration using docker
- Performance testing with k6
- Agile collaboration and continuous quality improvement

QA Engineer, Outsourced to *Bravium (2020–2024)*

- Manual and automated testing across web, API, and database layers
- Test case design, regression coverage, and defect management
- Automation frameworks (Robot Framework, Playwright)
- Performance testing with k6
- Agile workflow: full Scrum participation, shift-left quality practices
- Certifications: ISTQB CTFL and CT-AT (Agile Tester)

- **Data Analyst, EEmovel Inteligência Imobiliária, 2020-2020**

- Assisted in obtaining real estate data through web scraping using Python and Selenium.
- Helped in creating a real estate database in MongoDB.
- Worked with analysing data of real estate across the entire Brazilian territory

- **Researcher, PIBIC-JR, 2018 - 2019**

- Worked in a team on a research project.
- Gained knowledge related to quality and analytical skills.

Skills

- **Test Automation:** Robot Framework, Cypress, Python, Selenium, and Playwright
- **Manual Testing (Web, Desktop, App, Mobile):** Test design and execution, requirements analysis, test reporting, log analysis, white-box and black-box testing, exploratory testing, smoke testing
- **Performance Testing:** k6 and JMeter
- **Databases:** SQL and MongoDB
- **API Testing:** REST-Assured and Postman
- **Programming Languages:** Python, Java, and JavaScript
- **Agile Methodologies:** Scrum, XP, Kanban; Software Development Life Cycle (SDLC)
- **Project Management & Collaboration Tools:** Azure DevOps (including Test Plans), Jira, and Trello
- **Version Control:** Git, GitHub and Azure Pipelines
- **Testing Practices:** BDD, TDD, and Shift-Left Testing
- **CI/CD:** Experience integrating automated tests into continuous integration and delivery pipelines using tools like Jenkins and GitHub Actions together with Docker;
- **Monitoring & Logging:** Familiarity with monitoring and log analysis tools such as Grafana and Kibana for quality metrics and issue investigation

Languages

- Portuguese: First language
- English: Fluent
- Spanish: Advanced