



Pedro Morago

Senior QA Engineer

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github.com/pedromorago Santander, Spain (CET). Fully remote since 2021.

I'm a mathematics graduate from the University of Cantabria, and I've spent five years in test automation, first on international SaaS products and now on a telecom platform.

EXPERIENCE

Senior QA Engineer, Alvatross by SATEC

Jul 2026 – Present

Telecom OSS platform for EWE, a German telecom and energy provider

- Design and run the tests for service-order flows in Jira and Xray: add, modify, delete, suspend and reactivate.
- Building API test automation with Karate against TM Forum APIs.
- Built a one-click Postman smoke suite that checks every service after a production deployment.

QA Engineer, IriusRisk

May 2024 – Jun 2026

International cybersecurity SaaS for threat modeling, remote

- Automated backend API tests in Java with REST Assured and JUnit 5, with JSON schema validation and negative cases.
- Worked on the migration from TestCafe to Playwright with TypeScript: 80% less run time and a more stable suite.
- Modelled how to split the end-to-end suite across CI containers.
- Reviewed pull requests and mentored teammates on test automation.

QA Engineer, Fieldeas

Jun 2021 – May 2024

Field service management SaaS, several client projects, remote

- Reported more than 500 bugs, prioritized by product risk and business impact.
- Moved the team from manual testing to automated end-to-end suites in Cypress.
- Validated data with SQL and coordinated releases with development.

SELECTED WORK

How many CI containers a test suite needs

End-to-end tests ran in 7 CI containers, one per product module. My first model balanced them and was 42% faster in a one-worker test run, but only about 8% with the 5 workers production used. Modelling the workers showed that 4 containers would be faster than 7 and cost 41% less.

pedromorago.com/work/ci-pipeline-optimization/

Testing a full-stack app I built for myself

A poker range trainer I use to study, and the place where I test the way I'd like to test at work. A black-box suite runs against the deployable image, the same E2E specs run against a mock and the real API, and mutation testing checks the unit tests. The suite found 8 real defects.

pedromorago.com/work/spin-trainer/

EDUCATION

Java web development bootcamp

CIC, 2021

BSc in Mathematics

University of Cantabria, 2015 – 2020

CERTIFICATION

ISTQB Certified Tester Foundation Level (CTFL) v4.0, 2024

LANGUAGES

English at a professional working level, used every day at work

Spanish, native

ALSO BUILT

CI Shard Advisor

shard.pedromorago.com

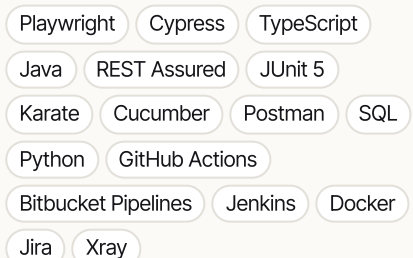
Screen Recorder (QA mode)

pedromorago.com/work/screen-recorder

QA Wiki

wiki.pedromorago.com

TOOLBOX



HOW I WORK

1. Read the requirement before the code
2. State the problem precisely
3. Design tests with a named technique
4. Automate at the level that can fail
5. Let the pipeline decide
6. Keep a bug open until I know why