

Ivo Lopes

QA Automation Engineer

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SUMMARY

QA Engineer with 5+ years of experience testing capital markets and enterprise cloud systems, currently at Euronext Securities. Strengths span BDD automation with Playwright and Cucumber, event-driven validation across Kafka and PostgreSQL pipelines, and load testing to 500-user peak profiles. Delivered 83+ automated specs and 140+ Gherkin scenarios, cutting manual regression effort by ~80%. Brings test strategy ownership and a record of catching critical defects before release.

EXPERIENCE

QA Tester

Euronext Securities

10/2024 – Present · Porto, Portugal

- Designed and built a dedicated test automation framework and repository from the ground up, defining its structure, conventions and reporting, and extended test modules inside three existing securities and instrument-coding platforms
- Automated End-to-End (E2E), API, contract, RBAC and event-driven test coverage using Playwright, Cucumber BDD, RestAssured and Testcontainers (Docker) against Kafka and PostgreSQL
- Delivered 83+ automated specs, 140+ data-driven Gherkin scenarios and 14 Artillery load/NFR tests (500-user peak, soak, capacity), cutting manual regression and pre-merge effort by ~80%
- Planned and executed System Integration Testing (SIT) for ISO 20022 message processing across 300+ test scenarios, covering routing, XML-to-JSON transformation, rejection codes, acknowledgements, persistence integrity and negative paths (malformed messages, duplicates, dead-letter routing)
- Caught critical defects in SIT before they reached production, tracing root causes across message-processing, transformation and persistence layers using Coralix and OpenShift logs
- Set test strategy and SIT priorities as sole QA across multiple squads, translating user stories into traceable test cases and aligning critical-feature coverage with the wider QA team
- Introduced Xray for Jira test traceability, authored merge-request and defect-reporting templates adopted as team standard, and gated every PR through GitHub Actions and GitLab CI with SonarQube quality gates
- Mentored new joiners through the company buddy programme and authored the Confluence guide now used for QA onboarding
- Used AI assistants in VS Code with full project context to speed up test case and step-definition authoring, defect investigation and coverage documentation

Cloud Engineer & Quality Tester

Deloitte

01/2022 – 10/2024 · Porto, Portugal

- Owned test planning, test case design and execution across 5+ client engagements, working as sole QA on smaller teams and within QA teams of up to three on larger programmes
- Led a client's full cloud migration programme from application assessment through migration execution, writing the pre- and post-migration test plans that kept downtime to a minimum
- Automated cross-browser and cross-device UI regression tests in Playwright and Selenium, replacing repetitive manual regression cycles
- Performed manual functional, regression and integration testing, and queried application databases in SQL to verify data integrity through migration and release cycles
- Logged and tracked defects in Jira from triage through closure, and fed UI/UX findings back to development teams to drive usability fixes

SKILLS

Test Automation

Playwright, Selenium, Cucumber, RestAssured, Testcontainers

API & Performance Testing

Postman, REST APIs, Artillery

Testing Types

Manual, Functional, Regression, End-to-End (E2E), UI, Cross-Browser, API, Integration, System Integration Testing (SIT), Event-Driven, Contract, Data-Driven, RBAC, Performance/Load (peak, soak, capacity), Non-Functional (NFR)

Test Design & Management

Test Plans, Test Case Design, Requirements Traceability, Bug Tracking, Defect Lifecycle Management, Jira, Xray, Confluence

Databases & Messaging

PostgreSQL, Kafka

CI/CD & Quality Gates

Git, GitHub Actions, GitLab CI, SonarQube, CI/CD

Containers, Platforms & Monitoring

Docker, OpenShift, Coralix

Cloud

AWS, Azure, Oracle Cloud

Methodologies

Agile/Scrum, Behaviour-Driven Development (BDD), Test Strategy, AI-Assisted Testing, Team Onboarding & Enablement

PROJECT

appdoivo 🔗 · live demo 🔗

263 automated tests: API/logic, real-browser UI on iPhone SE / 13 / Pro Max viewports, and the public demo's guard rails; Pre-commit hook and GitHub Actions run the full suite; nothing merges red; Separate QA environment with a resetting database, seeded demo data and QA-only feature flags.