Eduardo Gallifa Ochoa — QA Engineer

Manual & Automation Testing · Playwright · Selenium · Pytest · CI/CD · Performance · AI-assisted testing

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Profile

QA Engineer & AI Automation Consultant. I build practical, production-style quality systems: Playwright + Pytest for UI, FastAPI + TestClient for API, and OpenAPI contract + fuzz testing (Schemathesis/Hypothesis)—all wired into CI/CD (GitHub Actions + Docker) with quality gates, HTML reports, and coverage. Comfortable with both automation and manual QA (exploratory, test design, bug triage). I use AI intentionally to speed up test creation, code review, and reporting—always with outcomes that non-technical stakeholders can understand.

Core Skills

UI:
Playwright (Chromium/Firefox/WebKit), robust selectors, fixtures, parallel runs, HTML reports

API:
FastAPI, Pydantic, HTTPX, Starlette TestClient, OpenAPI 3.1, contract & fuzz (Schemathesis/Hypothesis)

CI/CD & DevOps:
GitHub Actions, Docker/Compose, Uvicorn, Nginx, Codecov

Quality & Security:
Pytest + coverage, Ruff (lint/format), Bandit (SAST), pip-audit (deps)

Scripting & Data:
Python, JavaScript, Bash; SQL for QA queries

Manual QA:
Exploratory testing, boundary/edge cases, test cases, bug reporting (Jira/TestRail)

Practices:
STLC/SDLC, Agile (Scrum/Kanban), requirements-to-tests traceability

Languages:
Spanish (Native), English (B2–C1 Cambridge)

Highlight Project — QA Automation Site (2025)

- Repo: github.com/eduardogallifaochoa/qa-automation-site
- Stack: Static Nginx frontend + FastAPI backend; OpenAPI 3.1; CORS & security headers.
- UI Automation: Login & contact flows (positive/negative/edge), fixtures, seeded runs, HTML reports.
- API Tests: Unit/integration for /api/* with validation and error paths.
- Contract & Fuzz: Schemathesis against OpenAPI 3.1 (reproducible seeds) + Pytest wrapper.
- CI/CD: Docker Compose, UI + API tests, coverage to Codecov; separate fuzz job; quality gates.

Experience — QA Engineer / AI Automation Consultant —

• Designed UI/API test suites and CI/CD pipelines with quality gates for safer releases.

• Introduced AI workflows to generate/expand cases, scripts, and analyze failures.

• Reduced flakiness with robust locators and stability controls; curated test data; led bug triage.

Selected Projects

— Analytics REST API
FastAPI · Pytest · CI — CRUD with contract tests, coverage, and GitHub Actions.

— Microservice Deployment Pipeline
Docker · GitHub Actions — Build → Test → Publish → Release; reproducible pipelines.

— AI Assistant Bot
Python · OpenAI — CLI to summarize test results and flag flaky cases.

— Price Monitoring Tool
Python · SQLite · Docker — Scheduler for BTC/ETH snapshots, logs, and alerts.

— AI Trading Bot
Python · OpenAI · Binance — Modular services for signals/backtests and summaries.

— SauceDemo Automation
Selenium · Pytest — Login → cart → checkout with clean test reports.

Education & Certifications

• B.Eng., Industrial Engineering — Universidad Latinoamericana (2020–2024)

• Certifications: Cambridge English (B2–C1)

Toolbox

Playwright, Pytest, FastAPI, HTTPX, Pydantic, Schemathesis/Hypothesis, Docker, GitHub Actions, Uvicorn, Nginx, Ruff, Bandit, pip-audit, Codecov, Jira, TestRail

Availability

Open to Automation QA, Manual QA, and short-term consulting (quality gates, test architecture, release safety with AI).