

ERNESTO ALBAREZ

Senior QA Automation Engineer / SDET

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PROFESSIONAL SUMMARY

Automation Engineer with 8+ years of experience designing and evolving test automation for complex systems across FinTech, EdTech, Marketplace, Hospitality, and Healthcare. Specialized in building scalable automation frameworks, leading backend and API testing initiatives, and embedding quality gates into CI/CD pipelines for data-intensive systems. Experienced in supporting high-risk releases and reducing regression effort in fast-paced delivery environments.

TECHNICAL SKILLS

Automation & Performance: Playwright, Cypress, Selenium WebDriver • k6, Gatling, BlazeMeter • REST Assured, Postman, Robot Framework

Practices & Frameworks: E2E & API Testing (REST / SOAP) • BDD (Gherkin) • Regression Testing • POM, Data-Driven & Hybrid Frameworks

Programming & Data: Python (Pytest), JavaScript, TypeScript, Java • SQL, Node.js

CI/CD & Platforms: Jenkins, GitLab CI • Docker, Microservices • Kubernetes (basic)

Tooling & Methods: Jira, TestRail, SAP FI-CO • Agile / Scrum • Foundational ML with Python

PROFESSIONAL EXPERIENCE

Senior QA Automation Engineer | Aries Solutions (Remote)

Apr 2024 - Present

Key Technologies: Playwright, TypeScript, Node.js, GitLab

- Spearheaded the migration from Selenium/Python to Playwright, significantly reducing regression execution time through parallelization and improved reliability.
- Designed a scalable automation framework covering core user journeys, increasing functional test coverage and contributing to a clear reduction in regression defects reaching production.
- Engineered end-to-end automation for critical user flows (login, purchase), reducing manual regression testing from hours to minutes per release cycle.

Quality Assurance Automation Engineer | DEPT (Remote)

Sep 2021 - Mar 2024

Key Technologies: Playwright, TypeScript, Node.js, GitLab

- Designed and implemented the test automation strategy for a critical desktop financial application, growing regression automation from minimal coverage to the majority of core workflows.
- Developed a scalable automation framework using Python, Pytest, and Playwright, improving test execution time and reducing ongoing maintenance through reusable component design.

- Authored and maintained a large suite of automated tests covering core financial functionality, contributing to improved regression coverage and fewer critical issues reaching production.
- Integrated automated tests into CI/CD pipelines (Jenkins), enabling shift-left testing and providing developers with faster build quality feedback.
- Mentored junior QA engineers on automation best practices, enabling them to develop and maintain automated tests independently within a short onboarding period.

Senior QA Automation Engineer | GlobalLogic Latinoamérica (Hybrid)

Mar 2019 - Ago 2021

Key Technologies: Cypress, .NET, Jenkins

- Promoted to a backend testing leadership role (technical lead) for a fintech e-wallet solution, mentoring junior QA engineers and owning backend test strategy.
- Implemented a JavaScript-based test framework integrated into CI/CD pipelines, providing developers with rapid build quality feedback.
- Led performance testing for a high-traffic EdTech platform using k6, contributing to measurable improvements in system response times under production-like load.

Software QA Analyst | AppDirect (On-site)

Sep 2016 - Mar 2019

Key Technologies: Cypress, JavaScript, Postman, Docker, Jenkins

- Owned manual testing efforts for a monolithic B2B marketplace platform, coordinating UAT activities and supporting the migration of a legacy healthcare form used by nursing staff.
- Collaborated with product and engineering teams to validate usability, data integrity, and compliance requirements in a regulated healthcare context.
- Created detailed test plans and test cases, while developing a strong foundation in automation testing concepts and CI/CD workflows.

Business & QA Analyst | Accenture Argentina (On-site)

Sep 2014 - Aug 2016

Key Technologies: Middleware Testing, API Testing, Postman, SQL

- Executed manual and data validation testing for an internal financial system, validating payroll and tax calculations through SQL and API-level checks.
- Supported a large-scale SAP ECC 4.0 to 6.0 migration for IS-OIL modules, contributing to risk analysis, test execution, and project planning using ARIS and SAP Solution Manager.
- Collaborated with cross-functional teams in a highly process-driven environment, gaining experience in enterprise delivery standards and regulated systems.

EDUCATION & CERTIFICATIONS

Data Analyst Program | Universidad de Buenos Aires (**In Progress**)

Machine Learning with Python | Argentina Programa (**2023–2024**)

Certifications: SAP FI-CO, Java, Selenium, Python, MySQL

LANGUAGES

English: Fluent • **Spanish:** Fluent • **Portuguese:** Professional Working Proficiency • **Italian:** Beginner