Luis Hernandez

QA Manager | Automation Strategy, Web, Mobile & API Testing

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PROFESSIONAL SUMMARY

QA Manager with 8+ years of experience leading QA teams, building scalable automation frameworks, and improving release quality across web, mobile, and API platforms. Hands-on with Playwright, Cypress, Appium, TypeScript, GraphQL, Postman, and CI/CD integration. Known for combining automation strategy, risk-based testing, exploratory testing, and QA metrics to reduce regression effort, improve release confidence, and mentor high-performing QA teams.

SKILLS

Automation & Frameworks: Playwright, Cypress, Selenium, Appium, PyTest, Cucumber
Languages & Runtime: TypeScript, JavaScript, Python, Java, Node.js
Test Architecture: Page Object Model, BDD, data-driven testing
API & Performance: Postman, REST APIs, GraphQL, OpenAPI/Swagger, k6
CI/CD & Platforms: GitHub Actions, Jenkins, BrowserStack, Jira, Xray, Azure DevOps
Quality Practices: Risk-based testing, exploratory testing, release readiness, defect triage, QA metrics

WORK EXPERIENCE

QA Manager

Builders Capital **August 2024 - Present**

Manage a team of five QA specialists, overseeing test planning, execution, mentorship, performance feedback, and release readiness across multiple product initiatives.

- Built and maintained Playwright/Cucumber automation frameworks using POM architecture, improving regression coverage, maintainability, and CI/CD reliability.
- Partner with Product and Engineering during refinement and sprint planning to identify quality risks early and improve feature testability.
- Created QA metrics dashboards for defect leakage, automation coverage, regression status, and release readiness to support data-driven go/no-go decisions.
- Used AI-assisted workflows to accelerate test case generation, debugging, documentation, and automation maintenance.
- Led manual, exploratory, API, and regression testing efforts to improve release confidence and reduce production risk.
- Reduced manual validation by approximately 20 hours per weekly release through targeted automation and improved regression coverage.

Senior QA Engineer

Trader Interactive **January 2024 - August 2024**

Increased automated testing coverage by 15% using Selenium & Pytest while manually testing new features, enhancements and bugs.

- Increased automated regression coverage by 15% by developing Selenium and PyTest tests for critical web workflows.
- Created risk-based test plans and regression suites for new features, enhancements, defect fixes, and a major website redesign.
- Led functional, exploratory, and regression testing for the redesigned platform, coordinating defects and release priorities through Jira.
- Documented reproducible defects, testing results, and release risks for Product and Engineering stakeholders.

Senior Test Automation Engineer

Upright **June 2022 - September 2023**

- Helped establish QA processes at an early-stage organization, including test documentation, automation standards, and onboarding materials.
- Created and presented Playwright/TypeScript proof-of-concepts to stakeholders, influencing automation tooling direction.
- Developed automated regression scripts that reduced repetitive manual validation and improved release efficiency.
- Mentored QA engineers on automation structure, test design, and maintainable code practices.
- Documented QA workflows and framework usage to improve onboarding and team consistency.

Quality Assurance Lead

Scorpion Internet Marketing **May 2021 - June 2022**

Led a team of QA engineers in identifying and addressing critical software defects, resulting in a 20% decrease in post-release defects and enhancing overall customer satisfaction.

- Pioneered automation for critical test scenarios, reducing testing time by 40% per release cycle and enabling faster product delivery.
- Developed automated test scripts using Cypress.io and GraphQL, increasing coverage across core application functionality.
- Implemented automation initiatives that cut manual testing effort by 50%, freeing the team to focus on complex and high-priority test cases.
- Led a team of QA engineers through mentorship and technical guidance, improving testing quality and promoting a culture of continuous improvement.
- Introduced automated API testing to strengthen UI validation, improve service reliability, and ensure stability across critical user journeys.

Product Support / QA Specialist

Qgiv **December 2017 - April 2021**

Coordinated cross-functional testing across QA, Customer Experience, and Engineering to support reliable releases across Qgiv's web and mobile SaaS platform.

- Developed extensive manual regression test cases increasing testing coverage for the web and mobile application.
- Developed an automation proposal projected to save approximately $80,000 annually by reducing repetitive manual regression testing.
- Mentored new team members on our QA processes to help them learn and understand more about the product.
- Triaged and prioritized customer-reported and internally identified defects, communicating risk and status to Engineering and leadership.
- Organized structured bug hunts and exploratory testing sessions for new applications and major platform features.

EDUCATION

University of Central Florida 2017
Full Stack Web Development Bootcamp

Orange Technical College - Westside Campus 2009
Systems Network Administration Program