# Alejandro Tellez

## Senior QA Engineer | Web3 & Blockchain QA Expert | Test Automation Strategist

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## Summary

Innovative and results-driven Senior QA Engineer with over 11 years of experience designing and executing robust automation frameworks across Web3, Fintech, and e-commerce platforms. Expert in testing large web applications, DeFi solutions, and cross-network asset flows, with a proven record of driving QA strategy and tool adoption in high-scale Agile/DevOps teams.

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## Experience

### Senior QA Automation Engineer
*Radix DLT · 2022 – Present · Remote*

- Built and scaled automation suites using **Playwright + C#**, increasing test coverage to **80%+** for critical Web3 applications.

- Integrated **MetaMask** and **Infura** into QA pipelines to simulate real-world decentralized transactions.

- Developed test strategies for minting and burning tokens across **Ethereum** and **Radix** blockchains.

- Collaborated cross-functionally to align QA coverage with UX flows and business-critical use cases.

- Authored test guidelines used company-wide for Java, Maven, and AWS-based stacks.

- Collaborated with React developers to validate real-time Web3 UI flows and edge cases using tools like Storybook and Playwright. At Radix, I tested complex React-based components such as transaction previews, wallet connections, and token flows, ensuring stability across devices and browsers in a high-frequency blockchain environment.

*Projects*
**Instabridge**: Cross-chain crypto bridge functionality, validating asset swaps such as eXRD

↔ XRD and wrapped tokens (ETH, USDC, USDT, wBTC) across Ethereum and Radix networks by verifying transaction flows, wallet integrations, and UI consistency in connection with MetaMask and Instapass based login flows.

**Radix Wallet**: Performed comprehensive testing of the Radix Wallet mobile app, validating secure asset management, Persona-based login flows, Radix Connect interactions with dApps, and clear transaction manifest previews across multiple devices and OS versions

### Test Architect
*Allianz · Jan 2022 – Aug 2022 · Remote*

- Designed and led a comprehensive test automation strategy, aligning with Agile/DevOps best practices.

- Standardized automation processes across diverse applications and supported **50+ engineers** globally.

- Automated complex backend validation using **Rest-Assured**, improving defect detection by **40%**.

- Mentored QA teams in adopting modern testing frameworks and integrating with CI/CD pipelines.

### QA Lead
*Monolithic Power Systems · 2019 – 2022 · Remote*

- Developed a hybrid test automation framework using **Java**, **Maven**, **Cucumber**, and **Rest-Assured**.

- Automated web and desktop applications, achieving **70% reduction** in manual regression efforts.

- Contributed test jobs to **Jenkins**, enabling continuous feedback and smoother release cycles.

- Ensured traceability by integrating test suites with **TestRail API** for real-time reporting.

- Maintain test plans, regression checklists, and exploratory testing workflows.

### QA Engineer – Contract & Freelance
*Monstarlab, Lazy Dog Restaurant, Capgemini, TEAM International, EPAM, Sociedad Portuaria*
*2014 – 2021*

- Implemented **XCUITest** for iOS kiosk apps and integrated **TestRail** in **Swift** for result tracking.

- Created regression frameworks using **Python + Pytest + Allure**, used in production-level testing.

- Built contract-based tests using **pact-jvm** and automated business intelligence validation.

- Performed API, UI, and end-to-end testing across platforms using **Java**, **Selenium**, and **BrowserStack**.

- Review specs with product and business stakeholders to clarify expected behavior and edge

- Set up UAT workflows and testing strategies from scratch for cross-functional, multi-vendor environments.

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## Skills

**Technical Skills**

- **Languages**: Java, Python, C#, JavaScript, TypeScript, Swift, JScript

- **Automation Tools**: Playwright, Selenium, Rest-Assured, Cypress, WebdriverIO, Appium, XCUITest

- **Blockchain/DeFi Tools**: MetaMask, Infura, Ethereum, Radix, staking protocols, mint/burn mechanisms

- **API Testing**: Postman, Charles Proxy, pact-jvm

- **CI/CD & DevOps**: Jenkins, Maven, GitHub Actions, TestRail, Docker

- **Frameworks**: Cucumber, BDD/TDD, Agile, Scrum

- **Cross-Browser/Platform Testing**: BrowserStack, manual/automated regression suites

**Languages**

- English (Fluent)

- Spanish (Native)