Javier Eduardo Aquino Vasquez

QA Lead & Test Automation Engineer

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Remote, on UTC-4 with a full workday of overlap with U.S. Eastern time.

PROFESSIONAL SUMMARY

QA Lead with three years of experience in high-impact banking and financial systems. Leads one of the QA squads on TOKE, the first Zelle/Bizum-style instant payment platform launched in the Dominican Republic, and works across backend and front-end QA. Test automation engineer (SDET practices) with WebdriverIO, Appium and Karate Framework, plus API testing, regression testing, performance and load testing with K6 and Apache JMeter, CI/CD with Jenkins, and Agile/Scrum delivery. Backend regression automated for about 90% of the test cases of critical microservices.

TECHNICAL SKILLS

Test Automation: Karate (API and service automation), Playwright (back-office web app), WebDriverIO, Appium, BDD (Gherkin), Automated regression testing, Page Object Model

CI/CD & Tools: Jenkins, Docker (personal projects), Docker Compose (personal projects), Git, Bitbucket, CI/CD, Jira, Confluence

API & Backend Testing: REST, Postman, Bruno, Swagger / OpenAPI, Contract validation, Microservices

Mobile QA: Android, iOS, React Native app testing, Exploratory testing, App store release validation

Performance Testing: K6, Apache JMeter, Load and stress testing

QA leadership: Test strategy and planning, Mentoring, Defect triage, Agile / Scrum

Functional testing: Test case design and execution, Regression and integration, Traceability matrix, UAT support

Languages & Data: JavaScript, TypeScript, Java, SQL, MongoDB

AI in QA: Claude, Codex, AI-assisted pull request review, AI-assisted sprint ticket analysis, AI applied to software testing

Banking domain: Core banking, Temenos migration, Instant payments, FinTech

PROFESSIONAL EXPERIENCE

QA Lead, Banco Popular Dominicano

Apr 2026 - Present | Santo Domingo
Largest private bank in the Dominican Republic. QA Lead since April 2026.

- Lead one of the QA squads on TOKE, an instant payments platform (Zelle/Bizum-style), with two manual QA engineers: define the test strategy, test plan and coverage, and triage defects.
- Perform backend and front-end QA and take on initiatives beyond my squad.
- Mentor around 5 QA colleagues on testing best practices and support them with the tools used at the bank.
- Carry out manual functional, regression and exploratory testing on native Android and iOS apps across devices, OS versions and app store release candidates.
- Since late October 2026, own front-end test automation with WebdriverIO and Appium for a cross-platform React Native business app from the TOKE product line.
- Apply pre-release regression testing gates on backend services and app store submissions to detect defects within the QA cycle.
- Run performance, load and stress testing with K6 and Apache JMeter (bottleneck analysis under peak transaction volumes).
- Validate data with MongoDB queries.
- Track defects in Jira in an Agile/Scrum environment and take part in the adoption of AI-assisted tooling for pull request review and sprint ticket analysis.

QA Engineer, Banco Popular Dominicano

Apr 2025 - Apr 2026 | Santo Domingo
Hired directly in April 2025, after working at the same bank as a consultant since December 2023. My work at the bank

since then has been on TOKE.

- Backend QA on TOKE: wrote and ran API and service-layer test cases, with traceability from requirement to defect closure.
- On TOKE, built and maintained API and service test automation (API testing, REST) with Karate Framework, run on every build in Jenkins CI/CD pipelines.
- Backend regression is automated for about 90% of the test cases of critical microservices.

Software Analyst and QA Engineer, CGL / NEORIS

Dec 2023 - Apr 2025 | Santo Domingo
Contractor on-site at Banco Popular Dominicano. Global digital consulting firm.

- QA on the core banking migration to the Temenos platform: validated migrated services, data integrity and business continuity between legacy and Temenos environments.
- Wrote and maintained QA documentation (test plans, test cases, execution evidence and traceability matrices) across multiple banking projects.
- Created, ran and documented functional and regression test cases, with traceability from requirement to defect closure.
- Coordinated test execution cycles and reported defects and progress to stakeholders.
- Improved documentation and traceability standards, increasing audit readiness.

EDUCATION

Bachelor's Degree in Computer Science and Information Technology

Universidad Iberoamericana (UNIBE) | Jan 2024 - Present

- Expected graduation: December 2026.
- 2nd Place, Challenge Popular 2024, a national innovation competition: co-developed an AI-powered financial assistant that recommends investments automatically.

Associate Degree in Software Development

Instituto Tecnológico de las Américas (ITLA) | Aug 2020 - Dec 2022

- GPA: 4.0 / 4.0.

CERTIFICATIONS

- Microsoft Azure Fundamentals (AZ-900) - Microsoft, Sep 2024
- Fundamentals of Software Testing - International Association for Software Quality (AICS), Aug 2022
- Scrum Foundation Professional Certificate (SFPC) - CertiProf, Jun 2022

LANGUAGES

Spanish (native) | English (B2–C1)