

# KEVIN ALBERTO LÓPEZ TOJIN

Senior QA Automation Engineer · SDET

Villa Canales, Guatemala · +502 3072-8952 · [kevin.tojin@outlook.com](mailto:kevin.tojin@outlook.com) · [LinkedIn](#) · [Platzi](#)

## PROFESSIONAL SUMMARY

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Senior QA Automation Engineer with 4+ years of experience delivering quality strategies for cloud-native, high-transaction banking and fintech platforms. Specialized in end-to-end automation (Web, Mobile, API) using TypeScript, WebdriverIO, Appium and Mocha; CI/CD pipeline integration with GitHub Actions and Docker; and release observability with Grafana. Mentor to 10+ junior engineers and technical lead for visual-testing (Percy) and load-testing (K6) initiatives that cut regression cycles from 1 week to 1.5 days. Focused on reducing time-to-market without compromising security or stability in regulated environments. Open to remote and international roles.

## CORE SKILLS

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**Automation:** WebdriverIO, Appium (iOS/Android — real devices, emulators, cloud), Mocha, TypeScript, JavaScript, Percy (Visual Testing).

**API & Performance Testing:** Postman, Newman, K6, JMeter, REST APIs, contract validation.

**CI/CD & DevOps:** GitHub Actions, Docker, distributed test execution, feature flags, shift-left QA in SDLC.

**Cloud & Observability:** AWS (EC2, S3, Lambda, CloudWatch), Grafana, release monitoring.

**Databases:** PostgreSQL, SQL, Sybase — test-data validation and QA-driven queries.

**Methodologies:** Scrum, Agile, BDD, test strategy, technical mentoring, code review.

**Domain Expertise:** Core banking, mobile banking, fraud monitoring (Monitor Plus), payments, regulated environments.

**Languages:** Spanish (native) · English (B2).

## PROFESSIONAL EXPERIENCE

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**Senior QA Automation Engineer** | Banco Industrial S.A. · May 2025 — Present

*Banking sector · Cloud-native and high-transaction mobile banking architectures.*

- Drive the technical evolution of the QA function across **50+ microservices**, embedding advanced automation into the SDLC alongside DevOps and Architecture teams.
- Design and maintain a scalable test framework in **TypeScript + WebdriverIO + Mocha**, enabling Web, Mobile and API automation with distributed cloud execution.
- Increased automated test coverage **from 19% to 61%** by consolidating the TypeScript framework and integrating visual testing.
- Led the adoption of **Percy** for visual testing in end-to-end suites, strengthening early detection of UI regressions across web and mobile apps.
- Led the implementation of **K6** for load and performance testing on critical core-banking APIs.
- Cut the regression cycle **from 1 week to 1.5 days (~78% reduction)** via parallel execution and Docker-based runs in GitHub Actions pipelines.
- Own a portfolio of **1,000+ automated test cases** spanning Web, Mobile and API scenarios.
- Mobile automation with **Appium** on real devices, emulators and cloud platforms (iOS and Android).
- Mentor **10+ junior QA engineers** on automation best practices, code review and test design.
- Partner with DevOps and Architecture using **Grafana** for observability and feature flags to validate release stability.

## Software Quality Assurance Tester | Banrural S.A. · April 2023 — May 2025

Banking sector · Fraud monitoring and core banking.

- Executed functional, regression and integration testing on the **Monitor Plus** anti-fraud platform and banking applications, ensuring delivery quality in high-transaction environments.
- Validated requirements and acceptance criteria under Agile/Scrum, collaborating with cross-functional development teams.
- Wrote SQL and Sybase queries to validate test data and trace defects across critical transactional flows.
- Designed and executed test cases for regulated releases, contributing to product stability in production.

## Software Quality Assurance Tester | Talent Hub S.A. · April 2022 — April 2023

IT services · Functional and non-functional testing.

- Executed functional, non-functional and integration tests to validate system functionality and performance.
- Ran performance tests with **JMeter** and API validation with **Postman**, documenting findings and metrics for development teams.
- Reported and tracked defects in issue-tracking tools, working closely with developers through resolution.

## EDUCATION

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**M.Sc. in Computer Forensics Analysis** — Universidad Mariano Gálvez · Jan 2025 — Present (in progress)

**B.Eng. in Information Systems & Computer Science** — Universidad Mariano Gálvez · Jan 2017 — Nov 2023  
(Coursework completed)

## CERTIFICATIONS & CONTINUOUS LEARNING

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- **ISTQB® Certified Tester Foundation Level (CTFL)** — Certificate #108562. [Verify](#) · 2024.
- **Scrum Fundamentals Certified (SFC™)** — SCRUMstudy, Certificate #1050463. [Verify](#).
- **Cloud Digital Leader** — Platzi learning path.
- **QA & Test Automation** — Platzi learning path.
- **Programming Fundamentals** — Platzi learning path.

## KEY ACHIEVEMENTS

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- **Tripled** automated test coverage (19% → 61%) on a cloud-native banking platform.
- **~78% faster regression cycle** (1 week → 1.5 days) via CI/CD and containerized execution.
- **Led technical initiatives** for visual testing (Percy) and performance testing (K6) in regulated environments.
- **Mentored 10+ engineers** in automation, code review and test design.