

STEEVEN MEDINA

Senior QA Automation Engineer | AI-Assisted QA

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PROFESSIONAL SUMMARY

Senior QA Engineer with 5+ years of experience driving quality across high-impact, scalable software products, including a national-scale cryptocurrency wallet. Specialized in Java-based API and web automation, BDD frameworks, and building robust, end-to-end test strategies (functional, regression, integration, E2E). Experienced leading and mentoring QA teams, partnering with Product and Engineering to define acceptance criteria, and supporting live production releases under pressure. Increasingly focused on leveraging AI-assisted workflows to accelerate testing, improve coverage, and reduce time-to-release.

CORE SKILLS

Languages: Java, C#, JavaScript, TypeScript, Python, SQL

Automation Frameworks: Selenium, Appium, Cypress, Playwright, Cucumber (BDD)

API Testing: Postman, ReadyAPI, Rest Assured, Thunder Client, REST APIs

Performance Testing: Apache JMeter (load & stress testing)

Testing Types: Functional, Regression, Integration, E2E, Smoke, Exploratory

CI/CD & Tooling: GitLab CI/CD, TFS/Azure DevOps pipelines, Docker

PM & Collaboration: Jira, Confluence, Microsoft TFS, Agile/Scrum

Databases: SQL Server, MySQL

AI-Assisted QA: Claude Code, Agent Skills, MCP, AI-driven test case generation, prompt engineering for QA workflows

PROFESSIONAL EXPERIENCE

Senior QA Engineer

2022 – Present

Alphapoint · El Salvador | Guatemala City

- Spearheaded end-to-end QA for Chivo Wallet — El Salvador's national Bitcoin wallet — across mobile, web, and API layers, safeguarding financial integrity for millions of users.
- Owned the full QA lifecycle, coordinating cross-functional releases that consistently met zero-downtime deployment standards.
- Architected comprehensive test strategies (Automation, Functional, Regression, Exploratory, Smoke, E2E) that scaled with rapid product growth.
- Engineered automated test solutions across the stack: API testing with Postman and Thunder Client, web automation with Cypress, and mobile testing with Java, Selenium, and Appium.
- Produced in-depth test reports and analytics for senior stakeholders, translating QA data into actionable product insights.
- Partnered with Product and Engineering to define acceptance criteria, shifting quality gates earlier in the development lifecycle.
- Led and mentored the QA team, driving Jira/Confluence adoption and a culture of continuous improvement.

IT Automation Engineer II

2020 – 2022

Conduent Guatemala · Guatemala City

- Translated business requirements and user stories into detailed, high-coverage test cases for enterprise-scale applications.
- Built and executed automated API test suites using ReadyAPI and Postman, and automated regression pipelines with Postman and JavaScript.
- Engineered end-to-end web automation workflows with Selenium and Java, cutting manual testing time significantly.
- Integrated automation scripts into TFS CI/CD pipelines, enabling continuous quality gates within the deployment workflow.
- Owned a comprehensive functional/feature Test Plan and managed defect tracking, sprint automation entries, and pipeline approvals in Microsoft TFS.

- Engineered test cases from requirements and user stories, maximizing defect detection and system coverage.
- Developed structured test plans for Functional, Regression, Exploratory, Smoke, and E2E testing across the product lifecycle.
- Automated API validation with Postman collections and integrated automation scripts into GitLab CI/CD pipelines.
- Used Jira for full sprint visibility, managing user stories, bugs, tasks, and work hours.

SELECTED PROJECTS

Chivo Wallet — 2022

National-scale cryptocurrency wallet for El Salvador. Owned QA for a high-volume application central to Bitcoin adoption as legal tender, ensuring a secure, reliable platform for individuals and businesses.

Tech: React Native, JavaScript, WebSocket, C#, React, Cypress, Selenium, Appium, Postman

APEX Core — 2024

Cryptocurrency wallet and trading platform (spot and margin trading) for a global user base, developed by Alphapoint.

Tech: React Native, JavaScript, WebSocket, C#, React, Postman

Treasury Platform — 2025

Institutional-grade digital asset management system centralizing issuance, redemption, and lifecycle management of tokenized treasury securities and stablecoins for authorized participants.

Tech: React, TypeScript, GraphQL, Hono, Prisma, PostgreSQL, TanStack, Docker, AWS

CAP for Cigna Medical & Medicare — 2022

Capture Automation Plugin that read and interpreted barcodes on scanned documents, sorting them into workflows and triggering rules-based functions for large-batch document processing.

Tech: C#, JavaScript, React, API-REST, Postman, FTP/SFTP

SIM Management – America Móvil / Telcel — 2019

System for managing SIM/eSIM activations, plan assignments, customer management, and point-of-sale operations for a leading telecom provider.

Tech: Angular, Java, Oracle, API-REST, Postman, Selenium

EDUCATION

Systems Engineering and Computer Science

Universidad Mariano Gálvez de Guatemala | 2014 – 2020

CERTIFICATIONS & COURSES

Introduction to Agent Skills — Anthropic	2026
Claude Code in Action — Anthropic	2026
Selenium with Java and Cucumber — Udemy	2021
API Testing Using Rest Assured — Coursera	2024
Master in Performance Testing with Apache JMeter — Udemy	2024
Playwright with TypeScript E2E Testing — Udemy	2024
Selenium WebDriver with Python — Coursera Whizlabs	2025
Prompt Engineering — Platzi	2026
FastAPI — Platzi	2026
Django — Platzi	2026
Scrum Foundation Professional Certificate — CertiProf	2020
Database Development – SQL Server (70-762) — Udemy	2020