

José Manuel Suárez

QA Automation Engineer / SDET | Information Systems Engineer

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PROFESSIONAL SUMMARY

QA Automation Engineer / SDET and Information Systems Engineer with 3+ years of professional QA experience across test automation, web and API testing, regression, integration and end-to-end validation. Hands-on experience with Playwright, Selenium, Postman, SQL, JavaScript, Python, CI/CD, Git, Jira and Agile/Scrum. Builds production-oriented automation and quality engineering projects with a strong focus on reliability, traceability, risk-based validation and secure software delivery.

TECHNICAL SKILLS

QA & Testing: Test Automation, Playwright, Selenium, E2E Testing, API Testing, Postman, Regression Testing, Integration Testing, Functional Testing

Languages & Data: JavaScript, TypeScript, Python, SQL, PostgreSQL

Engineering: Next.js, React, FastAPI, Express, REST APIs, Supabase, Neon

CI/CD & Collaboration: CI/CD, GitHub Actions, Git, Jira, Agile/Scrum, Defect Tracking

Security: JWT, RBAC, PostgreSQL Row-Level Security, Security Testing, OWASP, DevSecOps

PROFESSIONAL QA EXPERIENCE

SIMELER INTERNATIONAL - QA Analyst | Nov 2022 - Dec 2025

Remote

- Performed manual and automated testing for web applications and APIs in a remote Agile/Scrum environment.
- Designed, developed and maintained automated test scenarios using Playwright and Selenium.
- Executed REST API testing and validation with Postman and supported data verification with SQL.
- Performed functional, regression, integration and end-to-end testing throughout the software development lifecycle.
- Used JavaScript and Python in test automation and supporting QA workflows.
- Participated in CI/CD-based quality processes and used Git for version control and collaborative development.
- Tracked defects and QA activities in Jira, collaborating with developers to reproduce issues and validate fixes.

QA AUTOMATION & ENGINEERING PROJECTS

JMTechLab - QA Automation Engineer / SDET | Nov 2025 - Present

Azua, Dominican Republic | Portfolio: jmttechlab.do

- Build production-grade QA automation and software engineering projects focused on test automation, API validation, CI/CD and secure software development.
- Built QA Sentinel, a full-stack SDET platform demonstrating Playwright E2E automation, API testing and CI/CD quality gates.
- Developed automated E2E testing and RBAC validation for Suarez AI Audit, an enterprise audit and risk-management platform.
- Built QAForge AI, combining QA automation workflows, Playwright, FastAPI, Python and AI-assisted engineering.

SELECTED ENGINEERING PROJECTS

QA Sentinel | SDET & Test Automation Platform

Playwright, Jest, Next.js, Express, CI/CD

Production-deployed quality engineering platform demonstrating E2E automation, API testing, CI/CD quality gates and full-stack test execution visibility.

Suarez AI Audit | Enterprise QA, Audit & Risk

Playwright, React, Supabase, PostgreSQL, RBAC

Enterprise audit and risk platform validated through automated E2E testing, RBAC coverage, transaction workflows and production quality gates.

QAForge AI | QA Automation & AI Engineering

Playwright, Python, FastAPI, Supabase, AI

AI-assisted QA engineering platform combining automated test workflows, backend APIs and software quality engineering.

Zero Trust API Financiera | API Security & Testing

JWT, PostgreSQL RLS, Neon, Express, Security Testing

Production security API implementing JWT authentication, Row-Level Security and automated authorization testing.

ADDITIONAL PROFESSIONAL EXPERIENCE

Liga Municipal Dominicana - Administrator Treasurer | Apr 2020 - Apr 2025

- Managed treasury operations, budgets, financial controls, reporting and audit readiness in a regulated public-sector environment.

Empresas P&B; - Area Manager | Oct 2014 - Feb 2019

- Managed administrative operations, documentation, financial tracking and internal controls.

EDUCATION

Universidad APEC - Information Systems Engineering | Jan 2013 - Oct 2017

Universidad Federico Henríquez y Carvajal (UFHEC) - Bachelor's Degree in Accounting | Jan 2018 - Nov 2022

LANGUAGES

English - Full Professional Proficiency