ROBINSON MARTINEZ

QA Automation Engineer | SDET | Java · Selenium · REST Assured · API Testing | AI-Driven QA

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PROFESSIONAL SUMMARY

QA Automation Engineer and SDET with hands-on experience designing and implementing end-to-end test automation frameworks in Java — covering both UI (Selenium/TestNG) and backend API (REST Assured/Postman) layers. Complemented by applied experience with Agentic AI tooling including OpenClaw, Claude, and n8n for workflow automation and multi-agent orchestration. Proven ability to build reusable, maintainable frameworks from scratch, not just use tools. Entrepreneur and self-starter with a track record of delivering under pressure. Actively targeting mid-level SDET and QA Automation Engineer roles.

CORE COMPETENCIES

Test Automation: Java, Selenium WebDriver, TestNG, JUnit, Cucumber (BDD)

API & Backend Testing: REST Assured, Postman/Newman, JSON/XML validation, SQL

Framework Design: Page Object Model (POM), E2E framework architecture, reusable component design

CI/CD & Dev Tools: Jenkins, Git/GitHub, Maven, Docker, Agile/Scrum

Agentic AI Tooling: OpenClaw, Claude, n8n, GitHub Copilot, multi-agent workflow design

Cloud & Infra: AWS (EC2 basics), Docker-based environments, Selenium Grid

Databases: MySQL, SQL Server, MongoDB

Networking & Infra: VMware (VCA-DCV certified), Cisco CCENT, CompTIA IT Fundamentals+

Languages: English (Fluent), Spanish (Native)

TECHNICAL PROJECTS & TRAINING

E2E UI Automation Framework | Naveen Automation Labs 2023

- Built a complete end-to-end UI automation framework from scratch using Java, Selenium WebDriver, TestNG, and Maven — covering real e-commerce application workflows.
- Implemented Page Object Model (POM) architecture for maintainability; designed reusable utility classes and data-driven test layers.
- Integrated Extent Reports / TestNG reporting for clear execution visibility.
- Hands-on bootcamp focused on framework design and architecture, not just tool usage (Instructor: Naveen Kurata).

E2E Backend API Automation Framework | Naveen Automation Labs 2025

- Designed and implemented a backend API test framework using REST Assured, TestNG, and Maven — validating REST endpoints, authentication flows, and JSON/XML payloads.
- Integrated SQL queries for backend data validation and post-API database state verification.
- Structured Postman collections for parallel manual and automated validation; applied BDD-style test organization and reusable request spec patterns.

Agentic AI Workflow Exploration | Personal Applied Research 2024–2025

- Applied Agentic AI concepts using OpenClaw, Claude, and n8n — designing deterministic multi-agent workflows and event-driven automation pipelines.
- Built trigger-based task routing patterns with n8n for payload transformation and cross-service integration.
- Prototyped multi-channel agentic workflows with OpenClaw, evaluating skill-based task delegation and secure execution practices.

PROFESSIONAL EXPERIENCE

BleuCRM | Miami Beach, FL (Remote) Apr 2021 – Apr 2026

QA Automation Engineer

- Contributed to enhancing existing test frameworks, expanding REST API test coverage.
- Built and maintained automated test suites for new endpoints using Postman and REST Assured.
- Validated complex payloads, authentication flows (OAuth2, Bearer tokens), and XML/JSON responses.
- Ran and monitored automated smoke and regression suites through Jenkins pipelines.
- Wrote reusable test components with JUnit and Cucumber (BDD) for UI and API testing.
- Executed UI regression tests in Dockerized environments using Selenium and Page Object Model (POM).
- Participated in Agile ceremonies and worked closely with developers and product team members.
- Supported integration testing across API, database, and UI layers.
- Executed functional and limited non-functional testing scenarios using Postman.
- Wrote custom test scripts and took part in test code reviews to keep scripts aligned with team automation standards.

AMP Services & Solutions Corp | Miami Beach, FL / Orlando, FL 2018 – Present

Founder & CEO (Part-time)

- Founded a short-term rental business that grew to 11 units at its peak through sublease agreements across Miami Beach and Orlando; currently operate 1 property.
- Manage pricing, listings, and guest operations on Airbnb and VRBO.
- Handle bookkeeping in QuickBooks (P&L, balance sheet, bank reconciliation) and prepare year-end financials for the CPA.

High Tech Backup Corp | USA 2014 – 2015

IT Support Specialist

- Provided on-site IT support for data center infrastructure serving clients in the real estate industry, ensuring uptime, security, and operational continuity.
- Monitored and maintained data center assets; configured wireless networks, access points, broadband modems, routers, and network firewalls for maximum data protection.
- Supported end-user devices including smartphones, mobile devices, scanners, and tablets; delivered user training to ensure optimal utilization.
- Gained hands-on exposure to system reliability, uptime monitoring, and infrastructure quality assurance practices in a data center environment supporting enterprise clients.

Almamater Inc | Colombia 2008 – 2009

System Engineer

- Collected, validated, and digitized physical data into relational databases, ensuring accuracy and data integrity throughout the process.
- Supported database operations and system maintenance to ensure project continuity and reliability; gained hands-on experience with data management workflows and IT infrastructure.
- Developed foundational skills in data validation and quality assurance by ensuring accuracy and integrity of migrated records — core competencies directly applicable to software testing and QA roles.

EDUCATION & CERTIFICATIONS

B.S. Computer Science (Minor: CRM) | National University of Colombia ~2009

VMware Certified Associate – Data Center Virtualization (VCA-DCV)

Cisco Certified Entry Networking Technician (CCENT)

CompTIA IT Fundamentals+ (ID: COMP0011021191110)