

Edgardo Morales Cosme

QA Software Tester · Software Engineer

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SUMMARY

QA Software Tester with a software development background, currently testing banking applications for Popular Bank. I combine a tester's eye with an engineer's understanding of how software is built — I don't just find bugs, I understand why they happen. Self-taught builder focused on using AI to create tools that solve real problems.

EXPERIENCE

Software Quality Assurance Tester SMX Services & Consulting, Inc.

Aug 2024 — Present

- Plan, design, and execute test sets and test cases for banking applications.
- Track test execution and manage defects through to resolution in Jira, working closely with developers and analysts.
- Use SQL to validate data behind the scenarios under test.
- Work in an Agile/Scrum cross-functional delivery team.

Software Testing · Test Planning · Test Execution · Jira · SQL · Agile / Scrum

Junior Software Developer Scientia, PR Inc.

Dec 2022 — Aug 2024

- Built front-end and back-end features for web applications using PHP, JavaScript, and Node.js.
- Worked with relational databases and SQL to model and query application data.
- Tested web applications with dedicated testing tools — early experience that led me into QA.
- Collaborated with a fully remote team using GitHub, communicating progress and requirements clearly.

PHP · JavaScript · Node.js · HTML · SQL · GitHub

Technical Services Antillean Adventist University

Aug 2022 — Dec 2022

- Provided hands-on technical support, troubleshooting, and system administration for the university.
- Balanced the role with a full course load during my final year of studies.

System Administration · Troubleshooting · Teamwork

PROJECTS

Anones AI Assistant

4cm7582v.insforge.site · github.com/Pluffin/anones-ai-assistant

ChatGPT-style AI assistant built for a real Puerto Rico business (mini market + cafeteria + hardware store). It answers questions from the live business database, automatically routing between Text-to-SQL for exact data (prices, sales, inventory) and semantic search with pgvector embeddings for intent-based questions.

QA Engine

qa-engine.vercel.app · github.com/Pluffin/qa-engine

AI-powered QA toolkit: describe a feature and get structured test cases (positive, negative, edge cases), or turn a casual bug description into a professional bug report. Built with Next.js and the Claude API.

Stratos — Automated Trading Platform

The evolution of my ORB trading bot into a full trading platform: a strategy engine built around the Opening Range Breakout strategy, live futures broker integration, backtesting, a stats dashboard, and 80+ automated tests with demo-account validation before any real trade. Where my two passions meet — software and financial markets. (Private project — code not public.)

AutosPR (in development)

autospr.vercel.app

A car marketplace for Puerto Rico built around trust and safety — identity verification and reputation for sellers and buyers, so people can trade cars without fear of scams. Mobile-first and bilingual, with a full implementation plan, database design, and QA process behind it.

Oshmanuel Custom Lures

oshmanuel-custom-lures.vercel.app

Website built for a custom fishing lures business — brand, product showcase, and about pages. A real site for a real client, deployed on Vercel.

EDUCATION

Bachelor's degree, Computer Science Antillean Adventist University

2018 — 2023

SKILLS

QA & Testing: Software Testing, Test Planning, Test Cases & Test Sets, Test Execution, Web Testing, Jira

Languages: PHP, JavaScript, Python, Java, SQL

Web Development: HTML & CSS, Node.js, Front-end & Back-end, Relational Databases

Practices & Tools: Agile / Scrum, GitHub, AI-assisted Development, System Administration, Problem Solving

Also Into: AI & Emerging Tech, Cybersecurity (AppSec & Defense), Financial Markets & Trading, Long-term Investing, Blockchain & Crypto