

Miguel Carlo Rigunay

QA Chapter Lead · Test Automation & AI

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With over a decade of experience in manual and automated testing, I have honed my skills in building automation frameworks from scratch or enhancing existing ones to boost efficiency and quality. Today I lead EROAD's 15+ person Manila QA Chapter, act as Product Owner for Test Automation Foundations, and bring AI into everyday testing with coding agents, GitHub Copilot and custom MCP servers. My passion for automation and continuous improvement drives me to thrive in collaborative environments, where I eagerly seek new challenges. Let's connect to explore how I can contribute to your team's success.

Experience

QA Chapter Lead · EROAD

Nov 2025 - Present

Pasig, Philippines (Hybrid)

- Lead the 15+ person Manila QA Chapter, part of EROAD's 20+ person global QA chapter, with 5 direct reports.
- Product Owner for the Test Automation Foundations team.
- Built a Java + Appium mobile automation framework, cutting testing time from a month to a week.
- Drive AI adoption with agentic terminal workflows (Ghostty, cmux, Neovim) and GitHub Copilot, build MCP servers for Insomnia and TestRail, and contribute to internal telematics tooling.

Software QA Engineer · EROAD

Nov 2023 - Nov 2025

Auckland, New Zealand (Remote)

- Led the In-Cab Automation Initiative, designing a WebdriverIO + Appium suite in TypeScript that runs locally and in the cloud on LambdaTest.
- Set up the suite's GitHub repository with automated quality checks through GitHub Actions.
- Revamped the manual QA process with test case writing and execution standards in TestRail, raising consistency and coverage.
- Built and maintained shared automated test scripts in Java with Appium and Selenium.

Automation Tester · Circular Economy Systems (CES)

Jul 2022 - Oct 2023

Sydney, Australia (Remote)

- Automated tests with Testsigma and Postman, reaching up to 80% code coverage.
- Cut team regression time from 7 days to 4 hours.
- Worked with product owners and business analysts to roll changes out across squads.
- Ran scrum ceremonies as secondary Scrum Master.

Test Engineering Team Lead · Accenture

Sep 2021 - Jul 2022

Quezon City, Philippines (Remote)

- Led a team of 3 QA engineers as Lead Implementation Engineer for the Qantas Travel Experience squad.
- Managed release testing across squads, cutting spillover tasks by 90%.
- Ran manual and automated tests for iOS and Android front ends against a shared backend.
- Drove sprint progress as Scrum Master.

Software Engineer in Test · Oracle NetSuite

Mar 2020 - Aug 2021

Makati, Philippines

- Designed test plans and automation scenarios for Infrastructure Product Services.
- Cut regression from 2 days to 6 hours through automation.

Senior Software QA Analyst · Navitaire, an Amadeus company

Jun 2015 - Mar 2020

Taguig, Philippines

- Built automated desktop and API tests that cut total testing time by 90%.
- Trained and led up to 4 engineers as Test Automation Lead.

Skills

Automation	WebdriverIO, Appium, Playwright, Selenium, TestNG, Testsigma	AI tooling	Claude Code, GitHub Copilot, Google Antigravity, OpenCode
Terminal workflow	Ghostty, cmux, Neovim	Languages	TypeScript, JavaScript, Python, Java, C#
API	Postman, Insomnia, Swagger	CI/CD	GitHub Actions, Azure Pipelines, Jenkins, Bitbucket
Test management	TestRail, Jira, Confluence	Databases	MySQL, Oracle, MongoDB
Performance & security	Gatling, OWASP ZAP, Burp Suite	Network	Proxyman, Charles Proxy
Platforms	iOS, Android, macOS, Windows, Linux, Azure		

Projects on GitHub

1,718 commits of mine across 17 repositories, 1,704 in the last 90 days.

- **Pokémon Modern Emerald** · C, Assembly · 92 commits
Enhanced Pokémon Emerald ROM hack in C with follower Pokémon, custom surf sprites, overworld wild encounters and quality-of-life fixes. Builds and releases through GitHub Actions; developed with coding agents.
- **lrn2play** · AutoIt · 18 commits
Open-source pixel bot in AutoIt that drives game input from screen pattern recognition. My most-starred repo and my first real automation project.
- **Shopify Shopper** · Python · 16 commits
Python bot that watches Shopify stores for restocks, sends alerts through Discord webhooks and Twilio, and checks out automatically with Selenium. Ran on AWS for round-the-clock monitoring.
- **AI-assisted drum MIDI plugin** (private) · C++ · 178 commits
macOS audio plugin (AU, VST3 and standalone) that learns, generates, validates and converts drum MIDI parts. Spec-first and agent-driven.
- **Online game server platform** (private) · C, Python · 1,209 commits
Large C server codebase with a web control panel and a client data pipeline with validation tooling. One maintainer working with coding agents under an AGENTS.md contract.

Certificates

Appium Mobile App Automation with Java and TestNG · Udemy, Jan 2024
ISTQB Foundation Exam Prep · LinkedIn Learning, Jan 2023
Appium Mobile App Automation with Python · Udemy, Dec 2022
LambdaTest Test Automation Professional · LambdaTest, Dec 2022
Playwright Automation with JavaScript · Udemy, Aug 2022
Selenium WebDriver with Python · Udemy, May 2022
EF SET English Certificate (C2 Proficient) · EF SET, Jun 2021

Education

Bachelor of Science in Information Technology
Adamson University, 2010–2015

Languages

English (Full professional, C2), Filipino (Native)