

Edgar Ysabel

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SUMMARY

AI-First Senior Software Development Engineer in Test (SDET) with **over 6 years of experience** building, maintaining, and scaling automation frameworks using **Cypress** and **JavaScript**. Skilled in integrating **AI-powered tools** to enhance test coverage, accelerate regression cycles, and support intelligent defect analysis. Holding **ISTQB CT-GenAI** and **CTAL-TA certifications**, I combine **classical QA methodologies** with **next-generation, AI-driven testing practices** to deliver resilient, data-driven quality solutions aligned with **Agile and DevOps** workflows. Proven ability to guide teams in adopting modern test automation, continuous integration, and **AI-assisted quality frameworks** that enhance speed, reliability, and innovation across the SDLC.

EXPERIENCE

Warby Parker (Contractor) Senior Software Quality Assurance Engineer Cypress, Playwright, Python, Robot, Selenium, WebDriverIO, Postman - Developed test plan and test strategy documents for new app project. - Led comprehensive QA initiatives ensuring software excellence by utilizing agile methodologies and advanced testing tools. - Created and executed all QA Test cases and procedures to manually test the banking app. - Led integration of AI technologies to enhance the efficiency and precision of QA processes. - Implemented a quality assurance framework enhancing documentation transparency and test data accessibility.	Miami, United States @ GBH August 2021 - Present
Constant Contact (Contractor) Quality Assurance Automation Engineer Protractor, Python, Playwright, RSpec, Postman, Cypress, Selenium, Black Box Testing - Review requirements, specifications and technical design documents to provide feedback. - Estimating, prioritizing, planning and coordinating quality testing activities. - Design, develop and execute automation scripts using Protractor, Rest and RSpec. - Identify, record, document thoroughly and track bugs. - Develop and apply testing processes for new and existing products.	Waltham, Massachusetts @ NewTech S.A. December 2020 - August 2021
Banco BHD Leon (Contractor) Quality Assurance Automation Engineer Junior Selenium, Katalon Studio, IBM Rational Functional Tester - Developed a comprehensive automation test plan incorporating best practices and successfully presented for managerial approval using TestRail. - Design and execute UI and API testing strategies, utilizing Agile methodologies. - Executed regression and integration tests using Katalon Studio to confirm software system stability. - Delivered comprehensive test demos using JavaScript frameworks, addressing key feedback post-sprint to improve processes. - Logged and managed defects throughout the software development lifecycle using JIRA.	Santo Domingo, República Dominicana @ FL Betances & Asoc. December 2019 - December 2020

EDUCATION

Master's degree, Software Engineering and Information Systems Universidad Internacional de La Rioja (UNIR)	CDMX, Mexico 2024
Bachelor of Engineering - BE, Telecommunications and Network Instituto Especializado de Estudios Superiores Loyola	San Cristobal, Dominican Republic 2022

CERTIFICATIONS

ISTQB - Certified Tester, Testing with Generative AI ASTQB - ISTQB in the U.S. • 2025
ISTQB - Certified Tester Advanced Level Test Analyst ASTQB - ISTQB in the U.S. • 2024
AWS Certified Cloud Practitioner Certification Udemy • 2025 Ongoing
Scrum Foundation Professional Certificate (SFPC) CertiProf • 2020

SKILLS

Tech Stack: TestRail, TestCase Lab, Postman, Java, Python, JavaScript, Robot, Cypress, WebDriverIO, Github, GitLab, Selenium, AWS, Kotlin, Swift Apps testing, MongoDB.
Languages: English, Spanish.