(503) 7740-7075   hi@rcastaneda.dev   rcastaneda.dev

RICARDO CASTANEDA
SENIOR SDET

PROFESSIONAL SUMMARY

Senior SDET with over a decade of experience in test automation and software development. Expert in automation framework development, test architecture, E2E testing, API testing, and shift-left engineering practices. Brings 9+ years of QA automation experience using Cypress, TestCafe, Selenium WebDriver, PyTest, TypeScript, JavaScript, and Java, along with hands-on CI/CD integration using Azure DevOps, Jenkins, and Docker. Strong engineering background with 2+ years of Java development and +1 year of BPM development.

EDUCATION

Computer Science Engineering

Universidad Don Bosco (UDB) (2014 - 2021)

PROFESSIONAL EXPERIENCE

Senior QA Automation @ Lumenalta (formerly Clevertech)
May 2023 – Present

- Built a complete E2E automation framework from scratch using Cypress/Typescript, custom data-generation utilities, component testing, and advanced plugin integrations with full HTML/XML reporting.
- Engineered a containerized CI/CD workflow in Azure DevOps, including Docker images, parallel execution via docker-compose, and automated deployment for reliable pipeline execution.
- Increased coverage and stability by developing tests, analyzing pipeline failures, triaging defects, and continuously improving test reliability.

Senior QA Automation @ Avenue Code
March 2022 – February 2023

- Developed E2E/API automation scenarios in Testcafe/Javascript and maintained existing suites running in Jenkins pipelines.
- Provided QA support across multiple teams, ensuring feature quality through bug reporting and triage.
- Reviewed and improved Pull Requests, including optimizing existing GitHub Actions workflows to enhance automation reliability and efficiency.

Mid QA automation @ Encora (formerly Avantica)

November 2019 – March 2022

- Developed and maintained UI and API automation (JavaScript/TestCafe, Python/PyTest) with a strong focus on scalability, and was in charge of reviewing pull requests to ensure adherence to test design patterns and QA best practices.
- Led QA release responsibilities, including bi-weekly production deployments, test planning, defect triage/validation, TeamCity pipeline monitoring, and continuous support to multiple engineering teams.
- Managing test assets in TestRail, while supporting infrastructure powered by Docker, Kubernetes, RabbitMQ, JIRA, Datadog, and Splunk.

QA automation @ Rulesware LLC

August 2015 – July 2018

- Developed and maintained automation tests using Selenium WebDriver, TestNG, data-driven scripts (Excel, data providers), and Page Object Models.
- Built reusable utilities to consume, parse, and validate RESTful API endpoints, improving backend test coverage and framework capabilities.

CORE COMPETENCIES

- Building automation frameworks from scratch (E2E, API, UI, Performance)
- Designing scalable test architectures (POM, Factory Pattern, data generation utilities)
- Implementing advanced automation integrations (plugins, mocks, stubs, intercepts)
- Pipeline integration and optimization
- Containerized test execution and parallelization
- Advanced debugging, triage, and root-cause analysis
- Working closely with developers, DevOps, product, and QA teams
- Leading automation initiatives and coaching peers in testing excellence

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TECHNICAL SKILLS

- Languages: Javascript/Typescript, Java, Python
- Frameworks: Cypress, Selenium, Testcafe, PyTest, Playwright

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LANGUAGE

- English (Fluent)
- Spanish (Native)
- French (B1)