Lucas Câmara de Souza

Software Engineer in Test Automation

lucascamara@outlook.com.br · linkedin.com/in/camaralucas · lucascamara.com.br · Brazil, remote

SUMMARY

Software engineer in test automation with more than seven years building test infrastructure for products at Disney, Autodesk, Prudential, Avalara and Thomson Reuters. Designs end-to-end, API and contract test frameworks from scratch, integrates test tooling into CI pipelines at scale, and works inside product teams to get it adopted. Founder of Potengia, a software consultancy focused on quality.

EXPERIENCE

Software Engineer in Test Automation · **Motif**

May 2026 – Present · Contract, remote

- Created 100+ of the 350+ Playwright (TypeScript) end-to-end scenarios for a browser-based 3D design application, run in 10 parallel shards against deployed environments.
- Added API tests and browser-mode unit tests, including WebAssembly builds, alongside the end-to-end suite.
- Cut setup for a new end-to-end scenario from about a day to about 2 hours with a reusable step catalog and environment preflight checks shared by the web application and a Revit desktop plugin.
- Delivered acceptance evidence per criterion, with annotated captures and Playwright traces scrubbed of credentials, to product and engineering stakeholders.
- Built a failure-analysis tool that sends test results, recent commits and open bugs to Claude (Sonnet 4.6) to propose root causes, and reviewed code daily in a QA team that ships tooling.
- Applied AI agents to test authoring, failure triage and code reading, verifying every agent claim by execution.

Test Automation Engineer · **Globant**, client Disney Entertainment

Jul 2024 – May 2026 · Remote · Quality Engineering core team

- Integrated the company's central test-results platform into 15+ projects, including marvel.com, Disney+, Hulu, ESPN.com, ABC News and FX, bringing web and mobile results into ReportPortal at 3 to 4 integrations per sprint.
- Worked on the platform itself, an AWS serverless service (Lambda, Step Functions, S3, API Gateway, CloudFormation), and its Java and JavaScript libraries, reviewing about one pull request a day.
- Created from scratch a Docker image for the platform's Maven-based plugin and rolled it out to 6+ projects, replacing per-project Maven setup with a CI YAML step and a JSON configuration file.
- Embedded with QA teams as a QA DevOps engineer, adapting the integration to each project's pipeline (Jenkins, Spinnaker, GitLab CI), test pyramid and BDD suites with shared Gherkin steps.

Quality Control Analyst · **Globant**, client Prudential

Feb 2024 – Jul 2024 · Remote

- Owned quality for an MVP from requirements to launch in 5 months: test strategy, test plan, prioritization and requirements documentation, working daily with developers, product and UX.
- Designed and ran the manual regression, about 3 days per cycle, and automated 40 priority scenarios before launch after selecting and setting up the end-to-end framework.
- Reported quality and stability metrics for the release decision and drove several critical defects to resolution before launch.

Automation Developer · **Globant**, client Autodesk

Aug 2022 – Jan 2024 · Remote

- Built the API test framework for the new Dynamo API from scratch, covering about 50 endpoints with 300+ contract tests generated from OpenAPI 3.1 specifications (Portman) and 10–15 targeted Postman tests.
- Automated UI and integration tests for Generative Design and Dynamo Player (TestComplete), covering complex CAD workflows.
- Integrated UI and API tests into 10+ Jenkins jobs with dozens of tests each: smoke every 4 hours, regression twice a day and checks on every merge request.

Software Development Engineer in Test · **Avalara**

Apr 2021 – May 2022 · Remote

- Designed about 50 automated API and workflow scenarios for the TaxDocs tax-compliance system (Ruby, Cucumber, HTTParty), covering critical document-processing paths.

Test Automation Analyst · **Thomson Reuters**

Feb 2019 – Apr 2021 · On site · Intern in test automation and DevOps until Jan 2020

- Promoted from intern to analyst in 11 months and owned the BDD framework for ONESOURCE TaxDocs (Ruby, Cucumber), growing it from about 200 to 300 end-to-end scenarios in a team of 3 QAs.
- Expanded API coverage with HTTParty, led test execution cycles and defect triage, and trained 3 interns.
- Improved Jenkins and Groovy CI/CD pipelines and contributed to infrastructure-as-code practices as a DevOps intern.

PROJECTS

Potengia `potengia.com` — Founder. Software consultancy focused on quality.

Test Automation Lab `ta-lab.potengia.com` — Lessons and exercises on automated testing, graded in the browser, in Portuguese and English.

QA Universe `qa-universe.potengia.com` — Interactive 3D map of the areas of software quality.

SKILLS

Test automation: Playwright, Selenium WebDriver, Cypress, WebdriverIO, Cucumber, TestNG, TestComplete
API and performance: REST APIs, Postman and Newman, Portman, OpenAPI, HTTParty, JMeter (proofs of concept)
Languages: TypeScript, JavaScript, Python, Java, Ruby, SQL, Bash
CI/CD and cloud: Git, Docker, GitHub Actions, GitLab CI, Jenkins, Spinnaker, AWS (Lambda, Step Functions, S3, API Gateway, CloudFormation)
Practices: BDD, TDD, Page Object Model, contract testing, end-to-end and regression testing, accessibility testing (axe), test strategy
AI: Claude Code, MCP servers, AI-assisted test authoring and triage
Reporting: Xray, ReportPortal, TestRail

EDUCATION

Bachelor's in Information Systems · University of Campinas (UNICAMP) · 2015 – 2020

LANGUAGES

Portuguese, native · English, professional working proficiency · Spanish, limited working proficiency