

JOSUÉ LOBO

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ABOUT ME

QA Engineer, Developer, and AI Enthusiast, with experience in software quality assurance, working across startups and consulting companies. Proficient in automated testing, with expertise in Cypress, Jest, and Selenium, ensuring the delivery of high-quality platforms to users. Experienced in creating unit, functional, and non-functional tests, bug documentation, and effective collaboration in agile teams.

Cypress Ambassador, passionate about quality, automation, and Artificial Intelligence applied to software development. Currently exploring AI Agents, LangFlow, and intelligent automation, with hands-on experience in Prompt Engineering and functional evaluation of AI/ML pipelines.

Bachelor's degree in Computer Science and postgraduate degree in Data Science & Machine Learning. On the soft skills front, effective communication, teamwork, problem-solving, and adaptability.

PROFESSIONAL EXPERIENCE

Software Mind

06/2024 - Currently

QA Automation Engineer

Responsible for the platform's test automation strategy. Rebuilt the team's testing pipeline from the ground up, replacing a slow and flaky Zephyr Scale setup with Cypress framework running independently from the main codebase in a web-based environment. In addition to automation ownership, handle day-to-day QA work: testing tasks, validating bugfixes, and writing test cases for new features, increasingly supported by AI agents to speed up test case generation. Also responsible for testing the platform's Salesforce-integrated sections, performing integration and regression testing across both the web application and Salesforce environments. The company follows an agile methodology, using Jira, and we work in sprints to deliver high-quality solutions.

Some of my responsibilities are:

- Designed and built a Cypress-based test automation pipeline from scratch, decoupled from the main codebase and running in a web environment
- Usage of AI tools (Cursor, Claude) and AI agents to accelerate test case creation and pipeline development
- Created test cases for new features, bugfixes, and platform routines
- Maintained and developed automated tests in Cypress with TypeScript
- Collaborated in agile teams using Jira, working in sprints to plan and track activities
- Contributed to continuous improvement of QA processes within the agile methodology
- Exploratory testing and regression testing
- Integration and regression testing across the web application and Salesforce environment
- Exploratory testing and regression testing

Octuspay

10/2023 - 06/2024

QA Engineer

Play the role of QA at a startup, responsible for documenting the system's main routes and ensuring the delivery of a high-quality platform to users through functional and non-functional testing. Additionally, contribute to the creation of automated and unit tests for the application.

Some of my responsibilities are:

- Creation of automated tests in Playwright and Typescript
- Continuous integration pipeline maintenance with GitHub Actions
- Creation of unit tests in JEST
- Creation of test cases and test scenarios
- Bug documentation
- Functional and non-functional tests

ETAURE

04/2023 – 10/2023

QA Engineer

Joined a growing software factory as the right hand to the company's sole QA, helping to build and structure the QA process from the ground up. Worked across multiple projects simultaneously, gaining hands-on exposure to different products, workflows, and testing needs. Enhanced skills in automated testing using Cypress and Selenium, while collaborating closely with the QA lead to identify and implement continuous improvement strategies across the team.

Some of my responsibilities are:

- Documentation, planning, and support for the QA structure across multiple simultaneous projects
- Survey of process flows and requirements
- Creation of automated tests in Cypress and Selenium in different projects
- Creation and maintenance of continuous integration pipeline with Bitbucket
- Bug documentation
- Creation of test cases and test scenarios

CONEXOS Consulting & Systems

06/2021 – 02/2023

QA Engineer

Joined as an intern, gaining first professional experience in QA, and was hired full-time upon completion of the internship. Gained hands-on knowledge in software testing and business operations at a technology company. As a Quality Analyst (QA), responsibilities included planning and developing test cases, creating test scenarios, documenting tests and the platform, running functional and non-functional tests, analyzing requirements, writing bug reports, and automating test cases using the Ghost Inspector tool.

Some of my responsibilities are:

- Creation of test cases and test scenarios
- Bug documentation
- Web Test Automation with Ghost Inspector and Selenium
- Functional tests
- Non-functional tests
- Exploratory testing and regression testing
- Black box testing

ACADEMIC EDUCATION

Postgraduate In Data Science & Machine Learning: Data Management Technology

XP Educational | 03/2024 - 01/2025

Bachelor's Degree in Computer Science

Vila Velha University (UVV) | 01/2019 - 12/2023

CERTIFICATIONS AND MORE

- ISTQB Certified Tester Foundation Level (CTFL)
- Create and Manage Cloud Resources
- End to End Testing with Cypress
- CCNA: Switching, Routing, and Wireless Essentials
- QA Career Training: processes and test automation
- CCNA: Introduction to Networks
- Complete Java: From Scratch to Professional
- Anthropic courses
 - AI Capabilities and Limitations
 - Claude 101
 - Claude Code in Action
 - Building with the Claude API
 - Introduction to agent skills
 - Model Context Protocol: Advanced Topics

Cypress Ambassador

02/2026

Community building, content creation, online support and moderation, event organization, company ambassador.

- Plugin Select, program to share my custom plugin for cypress: cypress-docgen
- Feature the new Studio AI for Cypress Team
- Ambassador Friday, weekly content about cypress