

Omar Josué Guzmán Valerín

Senior Software Developer in Test (SDET)

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Professional Summary

Senior QA Automation Engineer with SDET exposure as well, with 11+ years of proven testing experience. Specialized in Python-based test automation for frontend and backend services, including UI/API, cloud infrastructure (AWS, GCP, Azure), and CI/CD integrations. Highly skilled in building test strategies and frameworks in Agile environments, with a strong passion for innovation and technical excellence.

Technical Skills

- Test Automation:
 - Selenium, Cypress, Appium, Postman, Pytest, Cucumber, Playwright
- Languages & Frameworks:
 - Python, Java, REST Assured, Page Object Model, Robot Framework
- Cloud & DevOps:
 - AWS, GCP, Azure, Docker, Terraform, Ansible, Jenkins
- QA Tools:
 - Jira, TestRail, BrowserStack, Git
- Testing Types:
 - UI Testing, API Testing, Functional Testing, Mobile Automation
- Other:
 - Linux, ISTQB Certified Tester (CTFL)

Professional Experience

Moody's Analytics

Senior QA Automation Engineer / Apr 2024 – Present

- Built automated testing solutions using Python and Robot Framework.
- Integrated AWS services for test data management and automation.
- Utilized Docker for containerized test executions and parallel test runs.
- Worked with CI/CD pipelines for continuous testing and deployment.
- Contributed to cloud infrastructure QA strategies and test reliability.

Sysdig

Senior Software Developer in Test / Nov 2022 – Apr 2024

- Created test coverage for frontend and backend components.
- Automated infrastructure using Terraform and Ansible.
- Validated services across AWS, Azure, and GCP using Python libraries.
- Conducted functional and backend testing using pytest and Java.
- Managed test lifecycle via Jenkins and GitHub.

Instawork

Senior QA Automation Engineer / Nov 2021 – Aug 2022

- Developed mobile automation tests (iOS & Android).
- Integrated automation into Jenkins pipelines.
- Executed and maintained regression suites using BrowserStack.

Toptal

Senior QA Automation Engineer / Nov 2020 – Present

- Developed automated tests for fiscalnote.com frontend.
- Created and tracked Jira tickets for test coverage.
- Conducted reviews, managed Docker environments, and executed tests via BrowserStack.

Gorilla Logic

Senior QA Automation Engineer / Mar 2018 – Oct 2021

- Built back-end test automation in Python integrated with TestRail.
- Developed frontend frameworks to capture errors and screenshots.
- Conducted Selenium-based UI automation.

Other Experience

Softon Digital – QA Analyst (Nov 2017 – Mar 2018)

Growth Acceleration Partners – Mid QA Engineer (Feb 2014 – Oct 2017)

Testing Software – QA Engineer (Feb 2012 – 2014)

Education

B.S. in Systems Engineering – Universidad Latina, Costa Rica (2008 – 2012)

ISTQB Certified Tester Foundation Level (CTFL)

Certifications & Courses

Appium and Selenium with Python – Udemy (2021 – Present)

JMeter and BlazeMeter – Udemy (2020 – Present)

Django 3 Full Stack Web Dev – Udemy (2020 – Present)

Elegant Automation with Python and Pytest – Udemy (2020 – Present)

Complete Python Bootcamp – Udemy (2018 – Present)