Leonardo Espinosa

Automation Test Lead

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EDUCATION

UNAM — CDMX, MX	2025 – Present
B.Sc. Linguistics	
GPA: 4.0/4.0	
COS — CDMX, MX	2017 – 2019
A.Sc. Informatics	
GPA: 3.9/4.0	
UTEL — CDMX, MX	2021 – 2025
B.Sc. Computer Engineering	
GPA: 3.8/4.0	
ISTQB — CDMX, MX	2024 – 2024
Certified Tester Foundation Level (CTFL)	
100%	
Google — Remote	2024 – 2024
Google Cloud Computing Foundations	
100%	
Postman — Remote	2024 – 2024
Postman API Fundamentals Student Expert	
100%	
Google — Google CDMX	2021 – 2021
BigQuery: Analytics & Machine Learning	
100% & 4th place	

EXPERIENCE

L4 Test Automation Lead — Zurich Insurance — Hybrid   Jun 2025 – Present

- Automated testing with Python, Selenium and Guidewire
- Manually tested complex insurance workflows on tight deadlines
- Performed testing on LLM Model with red teaming techniques
- Used Azure DevOps pipeline to ensure CI / CD
- Performed regression testing for minor and major releases.
- Migrated legacy test cases to a new environment.
- Led a QA team of 3 in Agile Development

L3 Test Automation Engineer — Applica Inc — Remote   Jun 2024 – June 2025

- Automated testing with CodeceptJS, Appium, Robot Framework, and Selenium — cut manual effort by 4 hours/sprint.
- Improved test speed by 30% on new products via TestRail-based plans and cases.
- Designed test plan and strategy reaching 95% of requirements coverage with zero critical defects escaping prod.
- Ran cross-browser/device tests with Sauce Labs to ensure consistent UX.
- Logged and tracked 300+ defects, contributing to a 30% reduction in post-release critical bugs.
- Conducted UX testing with AXE devtools to validate usability and accessibility for vulnerable communities.
- Built fintech-focused automation frameworks — boosted script reuse and maintainability.
- Built and maintained CI/CD pipelines with Azure DevOps & Jenkins — sped up defect detection by 60%.
- Led a team of 5 test engineers in Agile envs — ensured timely delivery of quality deliverables.
- Mentored new hires, standardized QA processes — cut ramp-up time by 50%.

L2 Test Automation Engineer — Wipro — On site   Feb 2024 – June 2024

- Automated regression tests with Selenium, Cucumber (BDD), and Slash — cut test time by 20%.
- Built API tests in Postman to ensure backend reliability.
- Mentored 4 junior QAs — boosted team's automation skills.

L2 Test Automation Engineer — Keywords Studios — On site   Nov 2022 – Feb 2024

- Led manual QA for high-traffic game titles — ensured functional & localization quality.
- Executed full regression testing for major and minor patches and releases.
- Assisted on design of test plan and strategy reducing regression cycle time by 40%.
- Piloted AI-driven testing for internal tools — evaluated efficiency and ethical implications.

L1 Automation Engineer — UNAM — On site   Aug 2020 – Nov 2022

- Developed Selenium scripts in Python — saved 6 hours/week in manual tasks.
- Created RESTful APIs for seamless system integration.
- Worked on debian based Linux servers.

PROJECTS

Politcs QA — https://polqa-framework.github.io/polqa-site/

- A modular CLI framework to evaluate LLM outputs with reproducible runs, curated datasets, and prompt variants—covering both functional and qualitative criteria.

README Wizard — https://www.leonardespi.me/readme-wizard/

- Generate a clean, minimal README (User or Project) that helps you craft professional, elegant markdowns without clutter — simple, structured, and beautiful.

Resume Builder — https://www.leonardespi.me/resume-builder/

- A web application to create Harvard-style, ATS-friendly resumes with pixel-precise PDF export.

Blog — https://www.leonardespi.me/

- Personal website built using Jekyll & Ruby and maintained on Github Pages.

SKILLS

- Python, Java, JavaScript, Lua (basic)
- Selenium, Robot-Framework, Appium, Pytest, CodeceptJS, Cucumber, Cypress
- Postman, SoapUI, JMeter
- Git, Jenkins, Azure DevOps, Github Actions, Docker, Kubernetes
- Google Cloud Platform, Azure DevOps, Big Data GC
- Adversarial Testing, Red-team Testing, Bias Testing
- SQL Databases, PostgreSQL, Big Data Concepts
- Strategy & plan design, Jira, Confluence, TestRail, Xray, Zephyr