

Luca Ahumada

QUALITY ENABLEMENT ENGINEER

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SUMMARY

Quality Enablement Engineer with 8+ years building the test platforms, CI/CD quality gates, and observability practices that let engineering teams ship quickly and safely. I focus on making quality the path of least resistance — reducing flaky tests, shortening feedback loops, and embedding testing literacy across teams rather than acting as a gatekeeper.

EXPERIENCE

Staff Quality Enablement Engineer · *Northwind Cloud* 2022 – Present

- Lead quality strategy across 22 product teams and a guild of 30+ engineers.
- Built "Sentinel," a unified test-orchestration platform for 140+ services; cut flaky-test rate from 6.1% to under 0.4%, recovering ~900 engineering hours per quarter.
- Designed "Cadence" risk-based CI quality gates: 40% faster pipelines with a 52% drop in escaped defects.
- Defined org-wide SLOs and error-budget policy in partnership with SRE.

Senior SDET · *Helios Labs* 2019 – 2022

- Owned end-to-end automation for a fintech payments platform.
- Reduced the regression cycle from 3 days to 40 minutes via parallelised Playwright suites.
- Introduced consumer-driven contract testing across a microservice mesh, cutting integration breakages by 88%.

QA Automation Engineer · *Vela Systems* 2017 – 2019

- Replaced manual regression with a Playwright + pytest automation suite.
- Established the team's first CI quality gates and led its shift-left testing initiative.

SKILLS

Languages: TypeScript, JavaScript, Python, Go, SQL
Testing: Playwright, Cypress, pytest, Selenium, k6, JMeter
CI/CD: GitHub Actions, Jenkins, Argo CD
Observability: OpenTelemetry, Datadog, Grafana, Sentry
Infra: Docker, Kubernetes, AWS
Practice: Shift-left, risk-based QA, SLOs, coaching

EDUCATION

B.S. Computer Science · *Universidad de Chile* 2013 – 2017