LinkedIn
GitHub

Lucas Eyer

lucaseyer@gmail.com
https://lucaseyer.dev

Quality Engineering Specialist | Senior QA Engineer at Qlik | AI-Assisted Testing

Quality Engineering Specialist with 15+ years of experience, currently working as a Senior QA Engineer at Qlik. Specialized in scalable automation, test platforms, observability, reliability, and LLM-assisted quality engineering. Combines hands-on delivery with the definition of strategies, standards, and governance mechanisms for integrated enterprise systems.

Work Experience

Senior QA Engineer | Qlik | May 2026 - Present

- Develop end-to-end automation for Quote-to-Cash processes involving Salesforce CPQ, NetSuite, billing, and entitlement integrations using Playwright, TypeScript, APIs, and UI validation.
- Design and operate scalable GitHub Actions infrastructure with reusable workflows, parallel execution, concurrency controls, traceability, and resource governance.
- Built an LLM-assisted QA agent for failure investigation, root-cause classification, defect creation, and test authoring under human-review, data-redaction, and cost-control guardrails.
- Developed an operational QA observability and reporting portal covering environment health, automation coverage, execution status, blockers, reruns, and technical evidence.
- Harden end-to-end automation through session recovery, bounded waits, resilient selectors, navigation fallbacks, circuit breakers, and failure isolation.
- Modernize legacy automation into Playwright with data-driven scenarios and traceability, using reproducible investigation to distinguish product, environment, and automation failures.

QA Automation Specialist - API & Mobile | Arlo | 2025 - 2026 • Carlsbad, CA / US

- Architected a cross-platform automation framework for IoT ecosystems, supporting validation across mobile applications, backend APIs, and firmware interactions for thousands of connected devices.
- Designed a multi-layer validation strategy combining mobile UI automation, API verification, and device telemetry analysis, reducing regression risk across hardware and software layers.
- Built automation coverage for critical device lifecycle flows (pairing, provisioning, firmware updates, streaming), improving release confidence across mobile and firmware releases.
- Developed automated validation pipelines for device-cloud communication and IoT event flows, enabling reliable validation of distributed system interactions.
- Introduced shift-left validation strategies across mobile, backend, and firmware teams, increasing early defect detection and reducing production incidents.

Senior SDET | RowbotAI | 2023 - 2024 (Part Time) • San Diego, CA / US

- Engineered LLM evaluation frameworks improving response reliability and reducing hallucination rates through semantic similarity scoring and automated validation pipelines.
- Designed data ingestion and vectorization pipelines supporting conversational AI systems using Python and vector databases.
- Built backend architectures for voice-based systems integrating speech interfaces with AI services and production workflows.
- Implemented validation strategies for conversational pipelines, ensuring consistency and reliability across AI-driven interactions.
- Optimized AWS infrastructure for AI workloads, improving system reliability and reducing response latency.

QA Manager | Adentis (Outsourcing) | 2020 - 2022 (Multiple Clients) • Porto, PT

- Established QA strategy across 5+ global client environments, reducing release cycle time by 20% and increasing deployment frequency by 35% through standardized CI/CD governance.
- Designed automation frameworks for backend services and APIs, improving test coverage and consistency across distributed systems.
- Built QA strategies based on production incident analysis, reducing recurring failures and improving system stability.
- Integrated automated validation pipelines into CI/CD workflows, increasing release traceability and quality visibility.
- Collaborated with engineering and product teams to improve delivery speed while maintaining system reliability.

DevOps Engineer / SRE | Ipiranga / Santander | 2019 - 2021 • Brazil

- Architected a cloud-native testing platform on AWS, enabling large-scale automated regression execution across distributed systems and microservices.
- Designed containerized test infrastructure using Docker and ECS/Fargate, supporting scalable automation workloads across multiple environments.
- Implemented IaC with Terraform, reducing environment provisioning time by 80% (from days to minutes), enabling 24/7 availability for critical financial microservices.
- Built observability pipelines using CloudWatch, Grafana, and Prometheus, enabling real-time monitoring of system performance and quality metrics.
- Supported production systems and incident response, contributing to reliability improvements across high-availability platforms.

QA Architect | Multiple Clients | 2009 - 2019 • Brazil

- Designed automation solutions for enterprise platforms across finance, media, and e-commerce domains.
- Built validation systems for voice platforms (IVR/VoIP), enabling repeatable testing of telephony workflows.
- Developed automation strategies for legacy systems lacking stable identifiers or test interfaces.

Technologies and Languages

- Languages: TypeScript/JavaScript, Python, SQL, SOQL/SOSL
- Automation & Quality: Playwright, UI/API/E2E Testing, Page Object Model, Data-Driven Testing, Gherkin, Allure
- AI-Assisted QA: LLM Agents, MCP, Failure Analysis, Test Authoring, Human-in-the-Loop Guardrails, Data Redaction
- CI/CD & Test Platform: GitHub Actions, Reusable Workflows, Parallel Execution, Containers, Test Observability
- Enterprise Systems: Salesforce Sales Cloud/CPQ, Quote-to-Cash, NetSuite, Billing, Entitlements, Jira, Zephyr Scale
- Reliability & Governance: Root Cause Analysis, Environment Health, Execution Evidence, Quality Metrics, Resource Governance

Education and Certifications

- B.Sc. Machine Learning, PUC-GO/Brazil. 2024 - 2026