

Sebastian Calle



Professional Summary

Principal Software Engineer with 15+ years of experience specializing in Backend Development, Infrastructure, and Developer Productivity, now pivoting to **AI and Agentic** technologies. I bring a unique perspective on reliability—stemming from a background in Quality Engineering—to build robust, AI-driven tooling that empowers engineering organizations.

Technical Skills

Category	Technologies
Languages	Golang, TypeScript, Python
Infrastructure	Kubernetes, Docker, Helm, Terraform, Buildpacks
AI	MCP, A2A, RAG, Ragas, LangChain, Strands
CI/CD	Jenkins, GitHub Actions
Cloud Providers	AWS
Testing Frameworks	Selenium, Cypress, Protractor, Puppeteer
Performance Frameworks	JMeter, BlazeMeter

Professional Experience

[Salesforce](#) - Principal Software Engineer

Jun 2024 – Present

- **CI/CD Pipeline:** Architected a pipeline for **Agentforce** Agents to be used by T&P organization.
- **Governance & Standards:** Defined the "VibeCode" comprehensive rule set to govern and standardize the development process for **Agentforce** Agents.
- **Integration Architecture:** Developed a suite of **MCP** Servers to standardize and support the company's most critical third-party integrations.
- **Internal Enablement:** Accelerated internal AI adoption by evaluating business unit products and creating technical documentation and working examples for Agent related capabilities such as Data Ingestion, RAG, MCP, A2A.
- **Strategic Vendor Evaluation:** Led the evaluation of the external AI landscape (including Google, Anthropic, Anysphere, OpenAI, etc.) to guide company-wide adoption.
- **Stakeholder Feedback:** Established a direct feedback loop between internal stakeholders and Product teams through regular office hours to drive platform improvements.

Mulesoft - Principal Software Engineer

Mar 2019 – Jun 2024 (5 years 4 months)

- **CI Pipeline:** Created a unified CI pipeline to test, build, and publish artifacts, ensuring consistent and reliable software delivery across the entire company.
- **Developer Productivity:** Focused on creating internal tooling to streamline the entire SDLC for the engineering organization.
- **Microservices Architecture:** Designed, developed, and maintained scalable backend microservices using **Golang**, **JavaScript**, and **TypeScript**.
- **Infrastructure as Code:** Provisioned and managed AWS resources utilizing **Terraform**, ensuring reproducible infrastructure environments.
- **Container Orchestration:** Containerized applications using **Docker** and managed complex deployments on **Kubernetes** clusters via custom **Helm** charts.
- **Organization Player:** Provided dedicated, long-term engineering support to multiple infrastructure teams in the organization to accelerate the delivery of critical company-wide initiatives.

Elementum SCM - Software Engineer In Test

Oct 2017 – Mar 2019 (1 year 6 months)

- **Test Automation:** Developed robust automated test suites for Angular web applications using **Protractor** and Java backend services using **TestNG**.
- **Performance Engineering:** Executed performance and load testing strategies for web applications using **JMeter** and **BlazeMeter**.
- **Release Management:** Coordinated platform releases on a 2-week cycle, bridging the gap between development teams and production deployment.
- **Quality Assurance:** Performed exploratory testing for web applications to identify edge cases and usability issues.
- **Hiring:** Conducted interviews to evaluate candidates for technical roles.

Gilbarco Veeder-Root - Quality Engineer

Jun 2013 – Oct 2017 (4 years 5 months)

- **CI/CD Implementation:** Created pipelines to execute automated test suites and perform regression testing on nightly releases.
- **Automation Frameworks:** Developed a custom testing framework using **Python** and Autolt to automate Windows desktop application testing.
- **Process Improvement:** Conducted root cause analysis of defects, implementing corrective and preventive actions to reduce recurrence of quality issues.
- **Quality Assurance:** Performed functional, regression, and user acceptance testing (UAT) for critical software products.
- **Hiring Strategy:** Architected the interview process and evaluation criteria for technical roles, raising the bar for engineering talent acquisition.

Ingemática - Quality Analyst

Jan 2012 – Jun 2013 (1 year 6 months)

- **Quality Assurance:** Defined and executed rigorous test plans for web applications, ensuring high stability prior to release.
 - **Defect Lifecycle:** Managed the end-to-end defect lifecycle, including the identification, tracking, and validation of fixes.
 - **Client Collaboration:** Gathered and validated technical requirements directly from end customers.
-

Education

Engineer's degree, Computer Software Engineering

Pontificia Universidad Católica Argentina [\(UCA\)](#) | 2008 - 2015