

SERGIO FLORES

Platform/SRE Consultant | AWS/K8s | IaC (TF/CF) | CI/CD | Reliability & Cost

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Senior Platform/SRE engineer (12+ yrs) building AWS infrastructure (EKS/ECS), secure CI/CD, and landing zones. Multi-disciplinary builder with full-stack experience who improves deployment cadence, reliability, and cost efficiency through automation. Leads incidents, hardens IAM/secrets, coaches teams, and ships platform tooling in Go/Python.

WORK EXPERIENCE

Principal DevOps/Platform Consultant

Self-employed | Jun 2025 - Present

Innoquanta (consultancy): AWS cloud architecture, platform/SRE, automation, and full-stack delivery for client products.

- Built HIPAA-ready AWS infrastructure with CloudFormation; delivered SOC 2 readiness for aroundnotes.ai as a solo contributor and cut daily AWS spend ~45–50% back to baseline after a new environment spike by tuning compute, storage, and logging.
- Cut AWS spend ~75% from peak (Dec 2024 → Nov 2025) for Dealworks through full-stack cost optimization: EKS/Karpenter autoscaling, Jenkins-driven CI/CD, DB sizing, S3/logging tuning, and EFS/storage cleanups.
- Built and standardized Jenkins CI/CD for EKS services, covering build/test/deploy pipelines and environment automation.
- Led the build of the AMKA backoffice system and public mobile API for WOKO on AWS, coordinating engineers and serving ~17k users; processed ~4.5k credit requests and hundreds of payments/credits in the first two years with monitored endpoints.

Senior Cloud Engineer (Platform/SRE)

Disney (via Globant) | March 2022 - June 2025

Sports backend infrastructure team supporting ESPN; partnered across Disney to guide multiple teams on AWS cloud standards and best practices.

- Managed AWS multi-account environments and cloud standards for ESPN, ABC News, and Disney platforms.
- Improved deployment pipelines with GitLab and automation, enabling faster delivery for product teams.
- Collaborated on monitoring, alerting, and runbooks to improve service reliability; participated in incident response.
- Designed and deployed AWS infrastructure (ALB/ECS/Lambda) with CloudFormation; collaborated with security on IAM/secrets and compliance practices.

Sr Devops Engineer

Teradata (Teracloud team) | December 2020 - March 2022

Central automation team building quality/testing tooling for Teradata products; developed core tools and frameworks for Teracloud (Python, Groovy, Java).

- Automated multi-region CI/CD pipelines using Jenkins, GitHub, AWS services.
- Provided technical support and onboarding for distributed DevOps teams.
- Support and train multiple teams on the usage of our framework and tools.

Devops / Release Manager

Intel Corporation | June 2019 - Dec 2020

Led a team migrating multiple on-prem open source services and sites to AWS; owned post-migration operations and maintenance.

- Led the design and implementation of CI/CD pipelines, code quality enforcement, and automation strategies to support scalable, high-performance infrastructure across multiple development teams.
- Orchestrated the migration of critical on-premise applications to AWS, including EKS, ECS, RDS, and Lambda, significantly improving scalability and reliability.
- Mentored teams in modern development practices such as Microservices, Domain-Driven Design, OAuth, Kubernetes, and Selenium-based testing frameworks.
- Deployed comprehensive observability stacks using ELK (Elasticsearch, Logstash, Kibana), CloudWatch, and Prometheus for real-time performance and log analysis.
- Architected CI/CD flows using Jenkins, GitLab CI, GitHub, Helm, Docker, and Serverless, streamlining build and release cycles across multiple environments.
- Implemented automated security patching workflows for Linux (Debian, CentOS, SUSE) and CMS systems like Drupal, ensuring timely resolution of CVEs and infrastructure hardening.

Lead Devops Engineer

Led multiple teams adopting DevOps practices and CI/CD across the organization.

- Championed the adoption of DevOps culture and agile methodologies (Scrum, Kanban) across multiple engineering teams to improve software quality, delivery speed, and team collaboration.
- Designed and implemented CI/CD pipelines using GitLab CI, enabling automated, reliable deployments across all services and web applications.
- Led the decomposition of a monolithic system into microservices, improving system scalability, maintainability, and development velocity.
- Trained cross-functional teams in key DevOps and development tools including Docker, Selenium, JMeter, Maven, and Spring Boot, accelerating their ability to build and ship features.
- Optimized infrastructure elasticity and availability on AWS, reducing operational overhead and scaling bottlenecks.

Lead Software Engineer

Superboletos | December 2016 - December 2017

Led development for high-traffic ticketing platforms (mercadodeboletos.com.mx, superboletos.com); drove reliability, performance, and engineering practices.

- Led the technical development of mercadodeboletos.com.mx, a high-traffic ticketing platform built to withstand sustained heavy load during major events.
- Spearheaded the refactoring of the Access Control System to support digital QR-based ticket validation, improving reliability and event entry speed.
- Delivered multiple new features for the core ticket sales system at superboletos.com, enhancing user experience and operational efficiency.
- Provided hands-on technical mentorship to the development team, implementing and coaching on modern best practices such as Spring MVC/Security/Data, Hibernate, JUnit, CI/CD, TDD, Scrum, and OO Design Patterns.

Software Engineer

Epicor | January 2016 - December 2016

- Refactorization and maintenance of Epicor 10 modules related to finance (AR, AP, GL among others) - C# .NET
- Creation of unit tests as an improvement of the development process.
- Provide training for unit test and code refactoring.
- Resolution in a short time of bugs and problems in the system for scaled clients.
- Improve the performance of complex financial reports.

Software Engineer Intern

Epicor | December 2014 - December 2015

- Maintenance, development and automation of test scenarios (Visual BASIC).
- Tests of new enhancements related to the finance module (AR, AP, GL and others).
- Provide training for unit test and code refactoring.
- Support on the creation of a career path for interns.
- Found more than 80 critical bugs during testing sessions.

Software Engineer Intern

IDT-Professionals | May 2014 - November 2014

- Architecture, design and development of custom software for PyMES(c#, android SDK, php).
- Design and development of web services for banking companies(java).

EXHIBITIONS AND CONFERENCES

DevOps, An Intro To Devops: Culture, Values And Tools

2018 - Facebook developer circles, El Cowork,

Healty-Chain

2018 - Hackatour HealthTech, UDEM

Nursify

2016 - Hackathon Hacking Health, ITESM

Intro to gitlab CI / CD

2018 ECS Hack Week, Ecaresoft

SKILLS

Platform & Cloud

Containers / Kubernetes / EKS / ECS / Helm / Karpenter

CloudFormation / Terraform / IaC modules

AWS (multi-account, ECS/ALB/Lambda/RDS)

CI/CD & Automation

GitHub Actions / GitLab CI / Jenkins

SRE & Observability

Incident management / on-call coordination

Monitoring and logging (Prometheus, Grafana, CloudWatch/ELK)

Security & Compliance

IAM / SSO-OIDC / RBAC / least privilege

Secrets management (KMS/SM)

HIPAA & SOC 2 readiness / audit logging / WAF

Architecture & Cost

Landing zones / multi-account

Zero-downtime migrations

Cost efficiency via automation and rightsizing

Languages & Tooling

Go / Python / Bash

Containers / Docker / Make / Linux

Git / code quality / testing

Professional

Incident leadership & stakeholder comms

Remote/global collaboration

LANGUAGES

Spanish (Native)

English (Professional)

INTERESTS

Technology

Movies