

SERGIO FLORES

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

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Monterrey N.L. Mexico

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

Ecaresoft Inc. | Jan 2018 - Feb 2019

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