

FRANCISCO BECERRA

Senior Platform & Infrastructure Engineer

+34 663 72 84 47
fbletran@gmail.com

ABOUT ME

Senior Infrastructure Engineer with 7+ years of experience running **production Kubernetes at scale**.

I've led GitOps migrations, built developer tooling people actually use, and I use AI daily to cut down on repetitive work (not just to write code).

I like infra that's boring in the best sense: reliable and fast, so the people building on top of it can just get on with their work.

EDUCATION

AWS Solutions Architect Associate
Official AWS Certification 05/2024

Bachelor of IT Engineering
University of Seville 2012/2016

CORE COMPETENCIES

- **Kubernetes & Delivery:** EKS, Helm (chart authoring & architecture), ArgoCD, GitOps, KEDA, Crossplane (custom XRDs), External Secrets Operator, Karpenter.
- **Cloud & IaC:** AWS (EKS, S3, CloudFront, Lambda, Route 53, RDS, EventBridge, IAM, Secrets Manager, ECR), Terraform & Terragrunt, Ansible.
- **CI/CD & Automation:** GitHub Actions, GitLab CI, Python, Bash.
- **Observability:** Grafana, Kibana, Alertmanager, PagerDuty.
- **AI-augmented engineering:** Daily use of AI tooling for debugging, documentation and workflow automation; built internal AI Skills adopted org-wide.
- **Practices:** FinOps/cost optimization, on-call & incident response, technical mentorship, developer-experience-first tooling design.

WORK EXPERIENCE

Senior Platform / DevOps Engineer

Vonage

02/2025 - Present

- **Platform ownership:** Sole DevOps/Platform engineer for the entire Video Engineering org. Owned infra strategy, engineer onboarding, and cross-team architecture reviews.
- **GitOps migration:** Migrated the Web SDK deployment pipeline from legacy EC2/Chef to ArgoCD, Kubernetes Jobs, Helm, CloudFront, and S3/NGINX. Automated end-to-end TLS cert rotation, replacing paid DigiCert certs with ACM certs fully managed as code.
- **Autoscaling & abstraction:** Rolled out KEDA for event-driven autoscaling and wrote Crossplane XRDs to manage AWS resources as native Kubernetes objects, improving both cost efficiency and resilience.
- **Developer tooling:** Built a GitHub Actions framework (now adopted by 20+ components) that replaced a manual, error-prone per-deployment process with a single drop-in workflow file.
- **Cost Optimization:** Delivered ~\$88K/year in FinOps-validated savings by rightsizing clusters based on real usage data, tuning Karpenter, and consolidating redundant workloads.
- **Zero-Downtime Design:** Established blue/green and phased cutovers as the team's default migration pattern, applying it to a Postgres major-version upgrade, a config-asset migration off a legacy AWS account, and other legacy-to-modern account migrations.

Infrastructure Engineer - Technical Lead / Manager

Devo

11/2020 - 02/2025

- **EKS Migration & GitOps:** Led the architecture migration from EC2 to microservices on AWS EKS using Helm, GitLab CI/CD, and ArgoCD, improving scalability and release reliability across the team.
- **Cost & Delivery Optimization:** Redesigned cloud architecture across AWS and GCP using Terraform, Terragrunt, and Ansible, cutting monthly infrastructure costs by 30% and deployment provisioning times by 50%.
- **Engineering Leadership:** Served as Infrastructure Manager (from Oct 2022), setting team priorities aligned to business goals, coordinating cross-time-zone production deployments, and building automated incident response scripts (Python/Bash).

Cloud Engineer

Bluetab Solutions

03/2019 - 11/2020

- Led a 4-person engineering team designing AWS cloud architecture, building CI/CD automation, and managing cloud databases (RDS, Redshift).

IT Consultant

Deloitte - Commerzbank

11/2017 - 01/2019

- Managed SQL databases, server administration, and automated deployment updates for enterprise banking systems in an international environment.