

Federico Luna Agüero

Córdoba, Argentina · [linkedin.com/in/feder1c0](https://www.linkedin.com/in/feder1c0) · aguerofedea@gmail.com

ABOUT ME

Senior DevOps Engineer with over four years of Kubernetes expertise, committed to building resilient, secure, and scalable systems that drive business success. I apply IaC and GitOps principles to optimize deployments while ensuring auditability and reliability. My goal is to contribute my cloud experience (AWS, adaptable to other major providers) to help organizations improve their SDLC, implement impactful best practices, and achieve their growth targets.

PROFESSIONAL EXPERIENCE

Ripio

Córdoba, Argentina

Platform Engineer - Sr. Devops Architect

June 2022–February 2025

Note: Role evolved from SRE-DevOps after team merger in June 2023

- Co-led the design and implementation of IDP on Kubernetes (Backstage, ArgoCD, Atlantis), achieving a significant reduction in provisioning times and cost optimization through self-service and standardization.
- Managed multiple K8s clusters in production with GitOps workflows (GitLab CI, ArgoCD), achieving zero-downtime deployments, enhancing system reliability, and reducing deployment times by 20%.
- Led IaC automation (Terraform, Atlantis), establishing standardized IaC best practices. Enforced security and compliance by embedding validations and GitOps workflows (code review, least privilege access).
- Executed critical migration from Rancher to Amazon EKS, achieving up to 30% operational cost reduction while enhancing system scalability, availability, and application performance.
- Designed and implemented a scalable, highly available AWS infrastructure for a variety of solutions, including Blockchain and B2B, ensuring a 99.9% SLA and active/passive DRP for critical services (warm standby).
- Engineered reusable CI/CD templates (GitLab CI, Bash, Jinja), standardizing AWS deployments (e.g. EKS, ECS, CloudFront) and reducing setup time by up to 50%, enforced best practices and accelerated the SDLC.
- Collaborated with diverse teams to foster a DevOps culture and embed best practices; provided training on new technologies and architectural guidance, enhancing developer autonomy and accelerating problem resolution across environments.

Craftech

Córdoba, Argentina

DevOps Engineer

August 2020–June 2022

- Led complex infrastructure migrations to Kubernetes, containerizing legacy systems (on-prem, monoliths) and implementing IaC (Terraform) to ensure consistent, repeatable, and secure cloud environments.
- Managed and optimized production Kubernetes clusters (EKS/AKS), ensuring high availability, performance, and scalability through proactive monitoring, efficient incident resolution, and cost-optimization strategies.
- Implemented GitOps with ArgoCD and spearheaded Progressive Delivery (Blue/Green, Canary with Argo Rollouts), significantly minimizing deployment risks and enhancing system reliability for critical applications.
- Deployed and managed comprehensive observability stacks (e.g. Prometheus, ELK, Datadog), enabling data-driven performance analysis, definition of reliability-focused Service-Level metrics, cost optimization, and continuous infrastructure enhancements.

- Led early adoption of Docker for client projects, deploying containerized solutions (Nginx, SysPass, Portainer) which significantly accelerated setup times, ensured reproducibility, and improved resource efficiency.
- Administered on-premise Windows/Linux servers and virtualization ensuring system availability and performance for business operations. (e.g. Active Directory, DNS, DHCP, WSUS, Hyper-V, VMware ESXi).
- Managed storage systems, implementing robust data backup and disaster recovery strategies to ensure business continuity (e.g. File Server, Samba, Veem, RAID).
- Managed LAN/WAN networks, implementing key security protocols and network segmentation to safeguard data and optimize traffic. (e.g. Routing, Firewall, VPN, VLANs, QoS)
- Delivered T2 and T3 support for critical IT infrastructure, resolving complex technical issues to minimize operational impact.

Fenix Hard & Soft

IT Technician

Córdoba, Argentina

Feb 2012–Feb 2016

- Developed foundational IT skills: built, configured and repaired PCs, hardware/software troubleshooting.
- Managed organizational networks and Windows Servers ensuring operational readiness for users and systems. (e.g. Active Directory, File Server, DNS, VPN, VMs)

SKILLS

- **Cloud Platforms:** AWS (EKS, EC2, S3, RDS, VPC, IAM, Lambda, etc.), Azure (AKS), GCP (GKE).
- **Infrastructure as Code (IaC):** Terraform, CloudFormation, Crossplane, Atlantis, Git.
- **Containerization & Orchestration:** Kubernetes (Helm, RBAC, Karpenter, KEDA, Operators), Docker.
- **CI/CD & GitOps:** GitLab CI, ArgoCD, GitHub Actions, Azure Devops, sem-ver, conventional-commits.
- **Security:** SAST/DAST, SonarQube, OWASP, Snyk, Trivy, dependabot, TFLint, Terrascan.
- **Observability:** Datadog, Prometheus Stack (Grafana, Loki), ELK Stack, OpenTelemetry.
- **Secrets Management:** HashiCorp Vault, SOPS, AWS Secrets Manager, AWS KMS.
- **Scripting:** Bash, Python.
- **Methodologies:** SCRUM (sprint planning, daily, one-on-one and retrospectives), Kanban.

LANGUAGES

- English (B1)