Federico Luna Agüero

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Professional Summary

Senior DevOps Engineer with over four years of Kubernetes expertise. Specialized in building resilient, secure, and scalable systems for high availability environments (99.99% SLA) with SOC 2 compliance. Expertise in GitOps, IaC, and security-first DevOps practices with demonstrated success in cost optimization (30% reduction) and deployment acceleration (up to 50% faster SDLC) to drive business success.

Experience

Ripio (LATAM Fintech)   Córdoba, Argentina
Platform Engineer - Sr. DevOps Architect   June 2022 – February 2025
- Built Internal Developer Platform (Backstage + ArgoCD) achieving 50% reduction in provisioning time and up to 25% cost optimization through self-service standardization.
- Led security-first IaC automation (Terragrunt + Atlantis) achieving 100% code review and SOC 2 compliance for financial services infrastructure.
- Implemented GitOps workflows (ArgoCD) across multi-cluster production environments (serving 10+ development teams), improving DORA metrics (deployment frequency increased up to 30% and MTTR decreased while maintaining change failure rate below 5%).
- Engineered golden path CI/CD templates with integrated security gates, standardizing deployments for 60+ microservices and reducing onboarding complexity up to 50% (Gitlab CI, Github Actions, Bash and Python).
- Designed AWS infrastructure architecture for B2C and B2B Blockchain products, ensuring SOC-2 compliance with 99.99% SLA and cross-region disaster recovery (DRP active/passive warm standby).

Craftech (Cloud Infrastructure Consultancy)   Córdoba, Argentina
DevOps Engineer   August 2020–June 2022
- Led Kubernetes migration strategy from monolithic to microservices architecture for multiple client projects, implementing IaC standards and containerization workflows that reduced deployment complexity by 40%.
- Optimized production Kubernetes clusters achieving 99.95%+ uptime through automated scaling policies, resource optimization, and cost-effective cluster management.
- Implemented Progressive Delivery CI/CD pipelines with ArgoCD + Argo Rollouts, enabling safe deployments for mission-critical client applications with zero-downtime releases and automated rollback capabilities.
- Established comprehensive observability stack (Prometheus, ELK, Datadog) enabling proactive performance monitoring and data-driven optimization decisions for client production environments..

Technical Skills

Platform Engineering: Internal Developer Platforms, Self-Service Infrastructure, Golden Path templates.
Container Orchestration: Kubernetes, Docker, Microservices, Helm, Kustomize, RBAC, Karpenter, KEDA.
Infrastructure as Code: Terraform, Terragrunt, Atlantis, Crossplane, Policy-as-Code, Automated validation pipelines.
CI/CD & GitOps: GitLab CI, GitHub Actions, ArgoCD, Progressive Delivery (Blue/Green, Canary).
Cloud Platforms: AWS (EKS, EC2, RDS, Lambda), Azure (Virtual Machine, AKS), GCP (Compute Engine, GKE).
Security & Compliance: SOC 2, SAST/DAST integration, Snyk, HashiCorp Vault, AWS KMS, AWS SecretsManager.
Observability: Prometheus Stack, ELK Stack, Datadog, AWS CloudWatch, AWS CloudTrail, On-call operations.
Languages & Scripting: Bash, Python, Infrastructure automation, Custom tooling development.
Continuous Learning: CNCF ecosystem, best DevOps practices, AI applications in the software development lifecycle.

Key Achievements & Impact

Infrastructure Optimization: Achieved 30% cost reduction while improving system performance and availability.
Developer Productivity: Reduced provisioning time from hours to minutes through self-service automation.
Reliability: Maintained 99.99% SLA across high-traffic fintech applications serving thousands of daily transactions.
Security & Compliance: Implemented automated security workflows achieving 100% infrastructure code review compliance.

Languages

Spanish: Native proficiency.
English: B1 - Excellent reading comprehension and technical writing, conversational speaking in development.