

FACUNDO DOMINGUEZ

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PROFESSIONAL SUMMARY

DevOps Engineer with experience designing and implementing cloud automation, FinOps, and governance solutions across multi-account AWS environments (50+ accounts). Strong background in Infrastructure as Code (IaC), CI/CD, Kubernetes (Amazon EKS), and observability. Focused on building scalable platforms that improve cost efficiency, reliability, and operational visibility.

PROFESSIONAL EXPERIENCE

PREX — DevOps Engineer (NOC / Cloud Automation)

2024 – Present

FinOps & Cost Optimization

- Built multi-account AWS automation platform for cost optimization and governance across 50+ accounts
- Automated cleanup of unused resources (EBS, snapshots, Elastic IPs, ECR), reducing cloud waste and improving visibility
- Implemented EC2 scheduling system for non-production environments (dev/QA) to optimize compute usage
- Developed cost reporting pipelines using AWS Cost & Usage Reports (CUR), S3, and Athena (Parquet), delivering automated PDF/HTML reports

Cloud Governance & Observability

- Designed CloudTrail + Athena pipelines to track creation of sensitive resources across AWS accounts
- Implemented tagging compliance and lifecycle policies (delete / donotdelete / PoC)
- Built monitoring and alerting systems using Datadog and CloudWatch across multi-account environments
- Integrated alerts with Slack, Microsoft Teams, Discord, and Jira

AWS Inventory & Data Platform

- Developed modular AWS inventory system (EC2, RDS, IAM, S3, networking) using Python
- Stored and processed data in S3 (Parquet) for querying with Athena and analytics tools
- Enabled organization-wide visibility for auditing, governance, and FinOps

Platform Engineering (Kubernetes, CI/CD & IaC)

- Deployed automation workloads using Kubernetes (Amazon EKS, CronJobs, HPA, IRSA, service accounts)
- Built CI/CD pipelines and Docker images for automation services

- Managed infrastructure using Terraform (Infrastructure as Code) across multiple AWS accounts

AI & APIs (Developer Experience)

- Developed AI-powered cost assistant using AWS Bedrock, FastAPI (REST APIs), and React
- Enabled natural language queries over cloud cost and data lake datasets

TELVISO — Telecommunications Technical Support Coordinator

2018 – 2024

- Led technical teams (15+ crews) in fiber optic deployments and network operations
- Provided remote support for network infrastructure (Huawei, ZTE, Cisco)
- Managed incident resolution, ticketing systems, and technical reporting
- Configured routers, switches, and network devices

KEY PROJECTS

FinOps Automation Platform (AWS, Terraform, Kubernetes, CI/CD)

- Built automation ecosystem to optimize cloud costs and enforce governance policies across 50+ AWS accounts

AWS Multi-Account Inventory System (Python, S3, Athena, Parquet)

- Developed scalable inventory solution enabling full infrastructure visibility for auditing and cost analysis

AI Cost Assistant (AWS Bedrock, FastAPI, React)

- Built conversational interface to analyze cloud costs using natural language queries

TECHNICAL SKILLS

Cloud & DevOps:

AWS (EC2, S3, RDS, IAM, Lambda, CloudWatch, EKS), Terraform (Infrastructure as Code), Kubernetes

CI/CD & Containers:

Docker, CI/CD Pipelines

Monitoring & Observability:

Datadog, CloudWatch, Grafana, SigNoz

Programming & Scripting:

Python, Bash, JavaScript, TypeScript

Data & Analytics:

Athena, S3, Parquet, SQL (PostgreSQL, MySQL, MongoDB)

Tools & Platforms: Cloudflare, Git, GitHub, Jira, Linux

LANGUAGES

- Spanish: Native
- English: Intermediate (B1)

EDUCATION

Technician in Personal and Professional Computing
E.E.S.T. N.º 3 Escobar – Eva Perón

Systems Analyst (in progress)
Instituto Superior Santo Domingo