

ANDRÉ DE MACEDO WLODKOVSKI

Senior DevOps Engineer

+55 41 99652-2165 @ andremacwlod@gmail.com Remote, Global | Flexible GMT-7 to GMT+3

SUMMARY

Senior DevOps Engineer with **5 years of remote experience** designing and operating production Kubernetes infrastructure for high-growth companies serving Fortune 500 clients. Deep expertise in AWS, Kubernetes (EKS, Istio, GitOps), Infrastructure as Code (Terraform), and cloud cost optimization.

Delivered \$36K annual cost savings, 57% latency improvement, and 500% performance scaling. Cross-functional technical leader who establishes engineering standards, delivers internal training, and drives adoption of SRE and zero-trust security practices.

AWS-certified 4x (Solutions Architect, DevOps Professional, Security Specialty, Data Engineer).

EXPERIENCE

DevOps Engineer

Dispatch (via Tarmac.io)

06/2024 - Present Remote

Last-Mile Delivery Scale-up | Production Kubernetes Infrastructure

- Reduced infrastructure costs by \$36K annually (12% reduction) through automated sleep-wake strategies for ephemeral Kubernetes namespaces and resource right-sizing
- Redesigned global traffic architecture with CloudFront CDN and per-microservice ALBs, reducing P95 latency from 700ms to 300ms (57% improvement) with zero-downtime migration
- Led Cloudflare Zero Trust VPN migration and established OpenTelemetry distributed tracing pipeline, achieving 80%+ infrastructure monitoring coverage
- Architected and executed migration of production PostgreSQL databases to Neon, improving auto-scaling capabilities for 10K+ daily deliveries while reducing operational toil for the engineering team
- Supported SOC 2 audit by implementing audit logging, vulnerability remediation, and access controls across 15+ microservices
- Implemented advanced autoscaling with HPA for microservices, KEDA for ephemeral workloads, and Karpenter for node scaling, supporting 5-20 daily GitOps deployments.
- Delivered internal training sessions on GitOps workflows, AWS SSO, and infrastructure tooling; collaborated with Engineering and QA teams to standardize incident response

Cloud Engineer

4KST - Unlimited Vision

09/2020 - 06/2024 Remote, Brazil

AI Startup | Multi-cloud Machine Learning Platform

- Solo-architected ML inference platforms generating \$20K MRR for Brazil's top 5 banks, delivering full-stack solutions from Terraform infrastructure to application deployment
- Scaled main service RPS 500% by migrating data parsing bottleneck from Python to Node.js, supporting enterprise banking clients with \$1M+ budgets
- Developed Business Continuity Plan with multi-cloud failover (AWS/Azure), achieving 99.9% uptime SLA
- Reduced system downtime 50% by implementing multi-source monitoring with Grafana, CloudWatch, and automated SNS alerting for proactive incident response
- Automated CI/CD pipelines reducing deployment time 70% while maintaining zero-downtime releases

FIND ME ONLINE



GitHub

<https://github.com/andrewlod>



LinkedIn

<https://www.linkedin.com/in/andrewlod>

SKILLS

Cloud & DevOps: AWS (EKS, EC2, RDS, Lambda, CloudFront, IAM, SSO), GCP, Kubernetes, Helm, ArgoCD, Terraform, Docker, Git, GitOps, CI/CD, GitHub Actions, Istio, Karpenter, KEDA, Linux, Cloudflare Zero Trust, Serverless

Observability: Prometheus, Grafana, OpenTelemetry, Coralogix, Datadog, Zipkin, CloudWatch, Metabase

Databases: PostgreSQL, MySQL, DynamoDB, Neon, Aurora

Security & Compliance: AWS Security Specialty, SOC 2, SAML, IAM

Programming: Python, Go, Node.js, TypeScript, Bash

LANGUAGES

English

C2



Portuguese

Native



CERTIFICATIONS

AWS Certified Security - Specialty

Amazon Web Services (AWS)

AWS Certified DevOps Engineer - Professional

Amazon Web Services (AWS)

AWS Certified Data Engineer - Associate

Amazon Web Services (AWS)

AWS Certified Solutions Architect - Associate

Amazon Web Services (AWS)

EDUCATION

Bachelor, Computer Science

Pontifícia Universidade Católica do Paraná

📅 01/2018 - 07/2022

International Student, Computer Science

California State University San Marcos

📅 01/2020 - 05/2020