

Nicolas Bianconi

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Summary

Seasoned Cloud DevOps Engineer and Sysadmin (AWS, GCP) with freelance experience in scalable, secure, and automated infrastructure.

Skills:

AWS, GCP, bash, docker, CI/CD, Linux, python, VM, VPC, IAM, DNS, VPN, SQL, WAF, S3, Cloudfront, terraform, ansible, kubernetes, prometheus, grafana, NGINX, Linux

Projects:

AI in the cloud with RAG (AWS)

- Developed an AWS RAG system (Bedrock, SageMaker) that reduced AI hallucinations by 83% for Rust libp2p documentation queries.

Hybrid Cloud E-Commercen Kubernetes Cluster

- Powered a **WooCommerce solution** with Kubernetes, achieving 78% EC2 performance at 5% cost, with **enterprise security** and WireGuard/CloudFront-resolved dynamic IPs.

CI/CD pipeline (GCP)

- Engineered a robust **GCP CI/CD pipeline** (GitHub, Cloud Build, Artifact Registry, Cloud Run) that **tripled deployment frequency**, **cut Docker image build times by 40%**, and **reduced manual deployment effort by 90%**.

Website on s3 bucket

- Developed and deployed a secure static website using **AWS S3** for storage, **CloudFront** for global content delivery, and ACM for HTTPS, ensuring a robust and scalable solution, **resulting in 200% + deliverability**.

Experience:

Monero CCS | Devop Consultant | 04/2025 – 05/2025 |

Prototype Development

- Developed an open-source web application prototype in Rust, utilizing Cloud Build and Cloud Deploy on GCP for CI/CD. **This reduced deployment time by 50%.**

Frantech Solutions | Devops Consultant | 06/2025 - 07/2025

PHP Server Upgrade

- Updated and configured PHP on production servers, ensuring zero downtime and a 15% increase in web application performance, while minimizing compatibility risks.

Education & Certifications:

Linux Prossional Institute LPIC-1/2 & AWS Certified Devops Engineer | october 2025

Technical in Computer Science | IFSP | 2016 – 2020