Rafael Bernardo Sathler

Infrastructure Engineer • DevOps • Platform Engineer • AWS/GCP Cloud Architect

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PROFILE

Senior Platform Engineer with a proven track record of building and scaling resilient, cloud-native infrastructure for high-traffic systems. I deliver significant business impact through automation and optimization, achieving over $65K in cost savings and 40% efficiency gains. With deep expertise in AWS, GCP, Kubernetes, and CI/CD, I excel at solving complex technical challenges and mentoring engineers to foster a culture of technical excellence.

EXPERIENCE

Platform Engineer
2024-08 — 2025-06

Bluecore

Re-platformed observability and future-proofed infrastructure for a high-traffic e-commerce platform.

- Re-platformed observability infrastructure: Migrated 300+ Datadog monitors and 150+ dashboards to Chronosphere, reducing monitoring costs by 40% (~$200K annually)
- Zero-downtime Kubernetes upgrades: Orchestrated GKE fleet upgrades to v1.32 across multi-region clusters, protecting Black Friday/Cyber Monday revenue
- Process optimization: Authored 20+ runbooks and implemented GitOps workflows, reducing patch lead-time by 50% and infrastructure tickets by 30%
- Technical mentorship: Provided deep technical guidance to 10+ engineering teams, solving complex infrastructure challenges and driving adoption of best practices

Senior Software Engineer
2023-08 — 2024-08

Uber

Drove company-wide migration from Atlassian Bamboo to GitHub Actions, scaling infrastructure to serve 5,000 engineers and 8,000 repos.

- Enterprise CI/CD transformation: Led migration of 8,000 repositories from Bamboo to GitHub Actions, scaling 1,000-node GKE runner fleet with 99%+ uptime and <5min job startup SLO
- Monorepo at scale: Supported Bazel across the organization, enabling teams to leverage developing toolchains and CI/CD pipelines with GitHub Actions, reducing build times by 60% for 5,000+ engineers
- Cost optimization at scale: Implemented Terraform automation and spot-instance strategy, achieving $65K annual savings while reducing median build latency by 40%
- Security & compliance: Established audit-grade compliance with automated logging, secret scanning, and SAML enforcement, closing critical audit findings
- Platform architecture: Designed and implemented self-service infrastructure platform reducing deployment time from 24+ hours to <4 hours through advanced automation and orchestration
- Technical documentation: Authored comprehensive 'CI/CD Playbook' and Bazel optimization guides, becoming the go-to technical resource for platform teams

Solutions Architect
2023-04 — 2023-07

Triumph Technology Solutions LLC

Led enterprise AWS cloud transformation and migration projects for Fortune 500 clients.

- AWS MAP assessments: Executed comprehensive enterprise cloud migration assessments covering infrastructure analysis, cost optimization, and technical framework design
- Microservices architecture: Designed and implemented scalable microservices that reduced component dependencies and improved system scalability by 300%
- Hybrid cloud solutions: Developed secure hybrid cloud infrastructure enabling seamless data transfer between on-premise and cloud environments
- DevOps strategy: Implemented enterprise DevOps practices that improved system reliability and enabled continuous delivery workflows

Infrastructure Engineer
2022-03 — 2023-02

Toptal

Built and maintained cloud-native infrastructure for global talent marketplace serving top-tier clients.

- Cloud-native solutions: Designed and implemented scalable infrastructure solutions using Kubernetes, Terraform, and ArgoCD on Google Cloud
- Solution architecture: Designed complex technical architectures translating business requirements into scalable, resilient infrastructure solutions
- Automation excellence: Developed CI/CD pipelines and infrastructure-as-code solutions that reduced deployment time by 60%
- Performance optimization: Monitored and optimized cloud infrastructure performance, achieving 99.9% uptime SLA

Senior DevOps Engineer
2018-08 — 2022-06

Globo.com

Achieved Guinness World Record supporting Big Data infrastructure for Brazil's largest media company.

- 🏆 Guinness World Record: Ensured zero-downtime operation of voting infrastructure for 'Big Brother Brasil', handling record-breaking public votes that surpassed 'American Idol'
- Big Data at scale: Architected and maintained Hadoop/Kafka clusters processing millions of requests per second with 99.99% availability
- Production systems: Designed, deployed, and maintained highly available systems supporting Brazil's top media properties with shared ownership model
- Advanced data engineering: Architected innovative solutions using Spark/Hadoop ecosystem for real-time analytics, processing millions of events with sub-second latency

Senior DevOps Engineer
2016-12 — 2018-08

MeuPatrocínio

Led infrastructure automation and security initiatives for Brazilian fintech platform.

- Infrastructure automation: Developed scripts and tools that improved system efficiency by 50% and generated significant cost savings
- CI/CD implementation: Built comprehensive deployment pipeline that improved system reliability, reduced deployment time by 70%, and increased uptime to 99.9%
- Security hardening: Implemented multi-layered security measures protecting against attacks and ensuring data privacy compliance
- Configuration management: Automated server provisioning and configuration management, enabling rapid scaling and consistent deployments

Infrastructure Engineer
2015-04 — 2016-03

Funcional Health Tech | Fidelize

Managed pharmaceutical industry infrastructure with focus on compliance and reliability.

- Healthcare compliance: Managed CentOS-based infrastructure using Linux, Puppet, PostgreSQL, Redis, and VMware in regulated pharmaceutical environment
- Multi-platform support: Ensured reliable operation of diverse web applications across multiple programming languages and database technologies
- Proactive monitoring: Implemented Nagios monitoring solutions with 24/7 alerting, achieving 99.8% uptime and rapid issue resolution
- System optimization: Applied deep infrastructure expertise to eliminate performance bottlenecks, achieving 60% reduction in server-related incidents through proactive monitoring and tuning

Support Specialist
2014-08 — 2015-04

Acol Consultoria & Sistemas

Advanced from intern to specialist role, managing enterprise IT infrastructure and client support.

- Career progression: Promoted from intern to Support Specialist within 8 months, demonstrating rapid skill development and value delivery
- Enterprise support: Provided technical support for enterprise clients, maintaining 95%+ customer satisfaction ratings
- Infrastructure management: Managed servers, databases, and applications using Linux, VMware, and PostgreSQL technologies
- System stability: Utilized monitoring tools and proactive maintenance to ensure reliable operation of critical business applications

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KEY PROJECTS

Resume-as-Code Platform

https://github.com/rafilkmp3/resume-as-code *(https://github.com/rafilkmp3/resume-as-code)*

Full-stack resume generation system demonstrating Platform Engineering principles

- Built automated CI/CD pipeline with Handlebars templating and Puppeteer PDF generation
- Implemented dark/light theme with OS preference detection and accessibility features
- Created ATS-friendly export functionality for job application compatibility
- Deployed with GitHub Pages integration and Make-based build system

Node.js, Handlebars, Puppeteer, HTML/CSS, JavaScript, CI/CD, GitHub Pages

Infrastructure Automation Toolkit

Collection of Terraform modules and automation scripts for cloud infrastructure

- Developed reusable Terraform modules for AWS/GCP multi-cloud deployments
- Created monitoring and alerting automation reducing MTTR by 70%
- Built cost optimization scripts identifying $200K+ in potential savings
- Implemented security scanning and compliance automation for infrastructure-as-code

Terraform, AWS, GCP, Python, Bash, Monitoring, Security

EDUCATION

Bachelor in Computer Science

2011-06 — 2016-06

Universidade do Estado do Rio de Janeiro (UERJ)

SKILLS

☁️ CLOUD PLATFORMS & IAC

AWS (Expert) Google Cloud Platform (GCP) Terraform Ansible Helm

🐳 CONTAINER ORCHESTRATION

Kubernetes Docker Helm Kustomize Istio ArgoCD Google Kubernetes Engine

Amazon EKS

🔄 CI/CD & DEVOPS

GitHub Actions GitLab CI Jenkins Atlantis Bazel

📊 OBSERVABILITY & MONITORING

Prometheus Grafana ELK Loki Mimir Datadog Chronosphere New Relic

SignOz

💻 PROGRAMMING & SCRIPTING

Python Bash Go JavaScript YAML HCL SQL

📈 BIG DATA & DATABASES

Apache Kafka Hadoop Apache Spark PostgreSQL Redis Elasticsearch BigQuery

🔒 SECURITY & COMPLIANCE

RBAC SAML/SSO Vault Security Scanning Compliance Auditing Infrastructure Security

🤝 SOFT SKILLS

Effective in cross-functional teams, Clear technical writing, Leadership, Mentoring, Problem solving

PERSONAL DETAILS

NATIONALITY

Brazilian

LANGUAGES

Portuguese, English

View online version:
rafilkmp3.github.io/resume-as-code