



Rafael Bernardo Sathler

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



Email Me

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.

Open to Work

Full-time • Contract

CONTACT & CONNECT



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SCHEDULE MEETING

[Book a Meeting](http://calendly.com/rafaelbsathler) (http://calendly.com/rafaelbsathler)



LinkedIn (<https://www.linkedin.com/in/rafaelbsathler/>)



GitHub (<https://github.com/rafaelbsathler>)



WhatsApp (<https://wa.me/5521997988682>)

EXPERIENCE

Platform Engineer

Bluecore

2024-08 — 2025-06

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 ticket time 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

Uber

2023-08 — 2024-08

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

Triumph Technology Solutions LLC

2023-04 — 2023-07

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

Toptal

2022-03 — 2023-02

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

Globo.com

2018-08 — 2022-06

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

MeuPatrocínio

2016-12 — 2018-08

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 deployment

Infrastructure Engineer

Funcional Health Tech | Fidelize

2015-04 — 2016-03

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

Acol Consultoria & Sistemas

2014-08 — 2015-04

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

KEY PROJECTS

Self-Service Terraform Platform with Atlantis Integration

<https://www.runatlantis.io/> (<https://www.runatlantis.io/>).

Enterprise-grade GitOps platform enabling teams to self-apply Terraform through GitHub PR interface using Atlantis

Built self-service Terraform deployment system using Atlantis enabling 50+ developers to independently manage infrastructure

Integrated Atlantis with GitHub PR workflows for automated Terraform plan/apply via PR comments

Implemented GitOps workflows with Terragrunt and Atlantis allowing teams to apply infrastructure changes seamlessly

Created secure multi-environment promotion pipelines with Atlantis server reducing deployment time from days to minutes

Established governance controls with policy-as-code using Sentinel and OPA integrated with Atlantis workflows

Terraform, Atlantis, Terragrunt, GitOps, GitHub Actions, OPA, Sentinel, Self-Service, Infrastructure as Code

Multi-Cloud DNS & Hybrid Network Architecture

Designed and implemented hybrid multi-cloud networking with intelligent DNS routing

Architected multi-cloud DNS strategy using AWS Route53 with health checks and failover routing

Built hybrid connectivity between AWS, on-premises data centers, and edge locations

Implemented intelligent traffic routing reducing latency by 35% across 3 geographic regions

Designed disaster recovery with automated DNS failover achieving 99.99% uptime SLA

Created network segmentation with VPC peering and Transit Gateway for secure multi-cloud communication

AWS Route53, Multi-Cloud, Hybrid Network, DNS, VPC, Transit Gateway, On-Premises, HA/DR

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

Universidade do Estado do Rio de Janeiro (UERJ)

2011-06 — 2016-06

SKILLS

- ▮ **CLOUD PLATFORMS & IAC**
AWS 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
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PERSONAL DETAILS

- NATIONALITY**
Brazilian
- LANGUAGES**
Portuguese, English