



# Rafael Bernardo Sathler

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

Rio de Janeiro, Brazil

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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### EMAIL

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### SCHEDULE MEETING

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



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



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



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

## **EXPERIENCE**

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### **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 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**

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 deployments

## **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
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## KEY PROJECTS

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### 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

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## EDUCATION

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### 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

## PERSONAL DETAILS

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### NATIONALITY

Brazilian

### LANGUAGES

Portuguese,

English

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**View online version:**  
[rafilkmp3.github.io/resume-as-code](http://rafilkmp3.github.io/resume-as-code)