



# 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.

**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

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## 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**

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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**

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- ▮ **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**

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