

ISAC CAVALCANTE

DevOps / Platform / SRE

DETAILS

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LINKS

git.io/isac

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SKILLS

AWS



Terraform



Github Actions



Kubernetes



ArgoCD



Prometheus



Grafana



PROFILE

With 7 years of experience as a DevOps engineer, including 2 years at international companies, I have extensive knowledge of AWS cloud architecture, mainly on Kubernetes (EKS), but know when to choose simpler alternatives when appropriate. I am proficient in developing Infrastructure as Code (IaC), implementing Continuous Integration and Delivery (CI/CD) pipelines, establishing robust observability and monitoring solutions, and creating custom solutions through Python scripting.

EMPLOYMENT HISTORY

DevOps Engineer, JSR Corporation

Sunnyvale, USA
(Remote)

Jun 2023 — Present

I'm currently in the Platform Team, managing around 10 Kubernetes clusters, in which I configured the auto-scaling functionality (Karpenter), as well as the monitoring solution (Prometheus & Grafana) and configure CI/CD pipelines for the applications with Github Actions and ArgoCD.

- Reduced AWS infrastructure costs by 20% through right-sizing instances and implementing auto-scaling policies.
- Implemented Karpenter consolidation strategies, reducing Kubernetes cluster size by 50% while maintaining availability.

DevOps Engineer, Teravision Technologies

Bogotá, Colombia
(Remote)

Sep 2022 — Jun 2023

Outsourced to JSR Corporation. Worked in the DevOps team to provision infrastructure, automate CI/CD deployment pipelines for product teams, monitoring and maintaining applications. Configured Kubecost to optimize resource usage and spending

- Implemented infrastructure tagging strategy, improving cost allocation visibility by 100%.
- Migrated Kubernetes clusters from IPv4 to IPv6 with zero downtime, expanding IP address capacity.

Python



Docker



SOC2



PCI Data Security Standards



LANGUAGES



Spanish



Portuguese



English



DevOps Engineer, OnniTech (Formerly SevenTech)

Fortaleza, Brazil
(Remote)

Jul 2021 — Sep 2022

Worked in the infrastructure team, supporting both the legacy and the modern payment application development of Java microservices, deploying dozens of them in Kubernetes clusters in OKE (Oracle Kubernetes Engines).

- Automated version comparison across 7 Kubernetes clusters for hundreds of microservices, eliminating 4 weekly hours of manual work.
- Pioneered Terraform implementation company-wide, reducing new customer infrastructure deployment time from 2 days to 30 minutes.

DevOps Engineer, Pagar.me

São Paulo, Brazil
(Remote)

Jan 2021 — Jul 2021

Worked in the team responsible for maintaining the PCI Data Security Standard (PCI DSS) Certification in the payment service infrastructure

- Migrated a critical application from Nomad to ECS, reducing deployment time from 4 hours to 30 minutes each.

DevOps Engineer, Instituto Atlântico

Fortaleza, Brazil
(Onsite)

Dec 2018 — Jan 2021

Outsourced to Hewlett-Packard (HP Inc.), worked in the observability/platform team, maintaining and developing a compliant cloud platform, focusing on reliability, security, and efficiency. Also worked in the migration from Jenkins to Azure DevOps, as the CI/CD tooling.

- Migrated from self-hosted Kubernetes to EKS, reducing monthly maintenance time from days to minutes.

IT / Infrastructure Analyst, Queonetics (Formerly Trixlog)

Fortaleza, Brazil
(Onsite)

Jul 2017 — Dec 2018

After one year of internship, got hired and implemented DevOps practices using AWS cloud. Maintained and optimized the cloud infrastructure with a focus on automation and cost management, mainly using Ansible to manage configuration, and Terraform to provision infrastructure.

EDUCATION

Federal University of Ceará

Jan 2014 — Dec 2017