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About

A self-taught developer who went to tell one computer what to do (suddenly there were dozens of it... and now there are hundreds) and is currently working to improve reliability in large-scaled distributed systems through the pillars of observability (logs, metrics, traces).

Languages

Fluent english

Native portuguese

Average spanish

Main Skills (and its scores)

- Emitting some sort of sense (10)
- To find out what it needs to be learned (10)
- js, clojure, go, python, bash (8/5/9/8/7)
- AWS, GCP (9/8)
- Terraform (9)
- CI/CD (10/10)
- Containerd, Docker, Kubernetes, ECS (9/9/9/7)
- SQL, NoSQL, Transactional (9/9/8)
- HTTP, Websocket, gRPC (10/9/7)

Site Reliability Engineer

2021 - current

Jusbrasil

- Managed AWS/GCP environments terraforming through Atlantis
- Employed GitOps practices with ArgoCD
- Developed features for tracking Kubernetes pricing for each company's cost-center
- Established Kubernetes constraints with OpenPolicyAgent to prevent resources out of good practices premises
- Implemented distributed tracing with Jaeger and OpenTelemetry for Kubernetes applications
- Established protocol-agnostic Prometheus metrics standards amongst our services

Site Reliability Engineer/DevOps Advocate

2019 – 2021

Descomplica

- Maintained AWS infrastructure through Terraform
- Assisted engineering teams about infrastructure and continuous delivery matters
- Developed automated delivery pipelines from GitHub events and Jenkins builds to Spinnaker deployments
- Provisioned, managed, and monitored Kubernetes clusters
- Performed incidents troubleshooting and implemented solutions/alerts/runbooks to prevent/dealing with them
- Fought against a ransomware hacking attempt and prevailed (thanks to AWS support)
- Developed distributed load tests for benchmarking features and drawing their limits

Site Reliability Engineer/DevOps Advocate

2018 – 2019

IBM Brazil - Global Financing

- Worked following agile methodology paradigm
- Developed containerized environments encapsulating our microservices mostly written in NodeJS
- Ratecard automation development for IGF in which I have performed creation, management and monitoring on plenty OpenShift clusters hosted by platforms such as BlueCloud and IBMCloud

... Software engineering since 2008