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About:

A self-taught software engineer whose career began at the age of 15. The last half decade has been largely focused on cloud infrastructure running distributed systems. Recently, I decided to shift my career towards ML Ops.

Languages:

- Fluent English
- Native Portuguese
- Intermediate Spanish
- Basic German

Technical knowledge:

- AWS, GCP
- Kubernetes
- ArgoCD, Git, GitHub Actions, Spinnaker
- Prometheus, Grafana Stack, Graylog/Kibana, DataDog
- Golang, Python, Terraform, Javascript, Bash
- Kafka, RabbitMQ, PubSub, SQS, Elasticsearch, MongoDB, PostgreSQL

Software Engineer (Data Platform)

2023 - current

Trade Republic Bank GmbH

- Implemented DataHub to provide ease when searching for data
- Supported the Fincrim team to deliver the anti-fraud ML platform with AWS SageMaker

Site Reliability Engineer (Application Platform)

2022 - 2023

Trade Republic Bank GmbH

- Managed a broad variety of AWS resources
- Tackled over monitoring gaps
- Planned and executed infra migration from kOps to EKS

Site Reliability Engineer

2021 - 2022

Jusbrasil

- Managed AWS/GCP environments terraforming through Atlantis
- Employed GitOps practices with ArgoCD
- Developed features for tracking Infrastructure costs and monitoring idle Cloud resources
- Established Kubernetes constraints with OpenPolicyAgent to prevent resources out of good practices premises
- Implemented distributed tracing with Jaeger and OpenTelemetry (but switched the approach in favor of Pixie and eBPF)
- Established protocol-agnostic Prometheus metrics standards amongst our services

Site Reliability Engineer

2019 – 2021

Descomplica

- Maintained AWS infrastructure through Terraform
- Assisted engineering teams with 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 incident troubleshooting and implemented solutions/alerts/battle cards to prevent/deal 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

Coding since 2008...