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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.

Languages:
- Fluent English
- Native Portuguese
- Basic Spanish
- Basic German

Technical knowledge:
- AWS, GCP
- Kubernetes
- ArgoCD, Git, GitHub Actions
- 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 improve data discovery and governance
- Supported the Fincrime team to deliver the anti-fraud ML platform with AWS SageMaker
- Joined the Platform Engineering L2 Oncall
  - Troubleshooted incidents, improved alerts' playbooks, and enhanced monitoring

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