NIVALDO MELO

Site Reliability Engineer

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EDUCATION

B.Sc. in Pure Mathematics

USP - University of São Paulo

March 2017 – Present

EXPERIENCE

DevOps Engineer

Looqbox

September 2018 – Present São Paulo, Brazil

- A company focused on business intelligence, currently built upon a tool to scrape a company's indicators, aiming to facilitate information access to the employees.
- Managed the whole infrastructure in GCP and Oracle Cloud, consisting of a few Kubernetes Clusters, many Virtual Machines and some Databases.
- Implemented IaC for both Cloud Providers and Kubernetes Clusters, centralizing resources and speeding up the process of providing new ones
- Setup of a CI/CD pipeline to the company, making it easier to run automated tests and report errors in early stages, reducing deploy time in 500%.
- Developed a service to monitor cloud health, notifying developers in case of any failure. Setup Metrics servers to track services latency, resources usage, services availability and amount of requests/errors by each service.

TALKS

Kubernetes 101 (Portuguese)

Cubo Meetup Devs

Aug 2019 São Paulo

A talk explaining the basics of a Kubernetes cluster, going through the main objects and showing some use cases.

Portando aplicações com Docker

Looqtalk

Jun 2019 São Paulo

An internal talk for the company Looqbox, where i explained which components form docker, advantages and disadvantages and a little demo.

PROJECTS

Movieboy

- A telegram bot made to retrieve informations as synopsis and rating from movies

SKILLS

Programming

Golang Python Bash Common Lisp

Tools & Systems

Kubernetes GCP Git Docker Terraform Grafana Linux

FIELD OF INTEREST

- Distributed Systems
- Combinatorial Analysis
- Reliability Engineering

COURSEWORK

- Data Structures
- Linear Algebra
- Probability and Statistics
- Discrete Mathematics
- Calculus
- Non-linear Optimization

LINKS

- Personal Website
- LinkedIn: /nivaldogmelo
- Github: /nivaldogmelo
- Medium: @nivaldogmelo
- I have a blog!