



Pedro Pastorello Fernandes

Software Engineer

👤 Profile

Information Systems student that loves coding and is passionate about cybersecurity, networking, privacy on the web, Cloud computing, Linux, open source movement, artificial intelligence, blockchains and computer games modding. Experience with development and IT operations.

💼 Work values

- Respect above anything
- Clear communication
- Sincerity
- Teamwork and collaboration
- Knowledge sharing
- Organization
- Clean code

🎓 Graduation

Computer Information Systems Bachelor at Universidade de São Paulo

2017 — ongoing

Expected graduation in 2022

💼 Employment

Network Site Reliability Engineer at iFood

march 2021 — current

Was responsible for maintaining the Layer 7 Network and border components of the technology infrastructure. This included Kong API Gateway, NGINX Ingress Controller, Akamai Edge platform as CDN, and all the resources related.

We worked on defining the best strategy for our network communication for requests coming from our apps but also for internal system communication, implementing company wide solutions for authentication, authorization, rate-limiting, routing and tracing of the requests.

The job included work on monitoring and alerting, with focus on availability and performance optimization. Also included writing run-books and documentation, troubleshooting and discussing systems architecture with the team, researching and defining patterns, doing maintenance work, helping developers with problems, developing automation tools and maintaining IaC repositories.

Contact me

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Social networks

[Linkedin](#)

[Github](#)

Idiomas

Brazilian Portuguese

English

Skills / technologies

Google Cloud Platform

Amazon Web Services

Kubernetes

Container infrastructure

Service Mesh

Linux

Golang

Kotlin

Python

JavaScript

Bash

C

Computer Networking

SSL/TLS Keys and Certificates

Git / collaborative oriented development

CI/CD tools and automation

Distributed tracing

Service monitoring and alerting

Terraform / IaC practices

DevOps Engineer at Raccoon Digital Marketing

september 2019 — march 2021

Was responsible for maintaining the technology infrastructure on our Cloud environment, including a Kubernetes cluster and CI/CD pipelines. Was also responsible for helping teams in their software delivery process, in preventing and responding to incidents with production impact.

The day-to-day activities consisted in installing and maintaining infrastructure software and platforms, providing observability and security for the services. This way, I have familiarized myself with monitoring, dealing with logs and distributed tracing. I also got in touch with network configuration, routing, load balancing, reverse proxies and SSL certificates.

Something that was also part of the job was to implement and help spread DevOps movement and culture in the technology teams, for example, developing automation scripts and helping breaking the knowledge silos between the operations and development teams.

(Internship) Automation Developer at Raccoon Marketing Digital

march 2019 — september 2019

Internship as developer at a Digital Marketing agency. My role was to write scripts that automated the other teams' work.

The scripts were focused on tasks such as automatic filling of sheets with data from many sources, and sometimes firing alerts based on marketing metrics. Also helped the data science team to write and deploy metric forecasting scripts. It was common to write libraries, wrappers for APIs and auxiliary scripts to be consumed by the Automation team.

Had experience with dealing with clients (other employees from the company), this taught me about soft skills like expectation management, and deep diving to understanding others' day-to-day work so I could find solutions to their problems.

Hobbies

Gaming, reading, music, podcasts, coding, Linux.