

EMERSON COSTA

Natal, RN, Brazil

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PROFESSIONAL OBJECTIVE

I'm looking a position as senior software engineer that give me complex technical challenges and show me perspectives in the software world. I appreciate good code design, technical discussions and aim to contribute for structural aspects of the company.

WORK EXPERIENCE

Maxihost

Tech Lead - Platform Team

Jan 2022 - Present

Sao Paulo, Brazil (Remote)

- Maxihost is a company building infrastructure products. With focus on bare metal cloud and reliability, the servers are spread in more than five regions around the world.
- As a tech lead from platform team my roles are design new projects, keep our infrastructure running and improve observability of our systems. I'm leading projects with Prometheus for telemetry, moving old applications to containers with Docker and planning new APIs for internal use.

Senior Software Engineer

Jan 2021 - Jan 2022

Sao Paulo, Brazil (Remote)

- As a software engineer i was responsible for building complex features like billing using Stripe, the core product **REST APIs** and also help other teams with automations. There I use mainly **Ruby on Rails** with Postgres, and Python for scripts.

Flik

Co-founder/Software Engineer

Jun 2020 - Jun 2021

Natal, Brazil (Remote)

- Flik was a company created to give near-real time energy consumption analytics to customers like supermarkets and industry. The others co-founders were hired by the power distribution company and we have to close this project.
- I built this product from end-to-end. Create the REST API using Django, dashboards using Highcharts and deploy to Heroku. We use InfluxDB to store time-series and to aggregate the metrics.

RegulaRN

Software Engineer

Mar 2020 - Jan 2021

Natal, Brazil (Remote)

- RegulaRN is a **critical** software to UCI beds management and a important source of information to the government of Rio Grande do Norte in Brazil. Build during the COVID-19 pandemic, the product was code mainly with **Python/Django**, Javascript and Postgres.
- There i was responsible for build dashboard in the situation room, the implementation of complex proceedings in the system's core and queries optimizations.

PNTD - National Platform of Telediagnosis

Software Engineer

Feb 2017 - Feb 2020

Brasilia, Brazil (Remote)

- At PNTD, we build a national telehealth system to help brazilian citizens living in risk situation take doctor's appointments of different medical specialties. Today, it's working on 1/3 of Brazil's states.
- There I was responsible for code and maintain microservices focused on ECG/EKG, integrate legacy system and develop **REST APIs**. Our ecosystems of microservices was mainly written in PHP, Java and Javascript running on Docker with Postgres. I was responsible too for mentoring and training another teams to apply (or avoid) microservices architecture.

EDUCATION

Federal University of Rio Grande do Norte

Fev 2017 - Sep 2021

Bachelor's Degree: Science and Technology - Computational Technology

School of Science and Technology

ACADEMIC RESEARCH

Carvalho, T. D. P. M., de Paiva, J. C., de Medeiros Valentim, R. A., Silva, C. B. P., de Lima, D. F., Silva, E. C. (2020). **Sabia: an authentication, authorization, and user data delivery architecture based on user consent for health information systems in Brazil**. Research on Biomedical Engineering, 1-6.