

# EMERSON COSTA

Natal, RN, Brazil

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## PROFESSIONAL OBJECTIVE

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I'm looking for a position as a 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 to the structural aspects of the company.

## WORK EXPERIENCE

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### Solo Funds

*Senior Software Engineer*

Jun 2022 - Present

*Los Angeles, United States (Remote)*

- Solo Funds is a community finance platform where users can lend, borrow, and bank. As a fintech, the company provides apps available for IOS, Android and Web.
- As an engineer from the Marketplace team, I'm tasked with designing and implementing features that impact users on the daily basis. I'm coding mainly in **Golang** and had the opportunity to work with **AWS Lambda**, **AWS SQS** and **PostgreSQL**.

### Maxihost

*Tech Lead - Platform Team*

Jan 2022 - Jun 2022

*Sao Paulo, Brazil (Remote)*

- Maxihost is a company building infrastructure products. With a focus on bare metal cloud and reliability, the servers are spread over more than five regions around the world.
- As a tech lead from the platform team my roles were design new projects, keep our infrastructure running, and improve the 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 helping other teams with automation. 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**

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### **Federal University of Rio Grande do Norte**

Bachelor's Degree: Science and Technology - Computational Technology

School of Science and Technology

*Fev 2017 - Sep 2021*

## **ACADEMIC RESEARCH**

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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.