

# EMERSON COSTA

Natal, RN, Brazil

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## PROFESSIONAL OBJECTIVE

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I'm looking for a position as senior software engineer that give me complex technical challenges and show me perspectives in the software world.

## WORK EXPERIENCE

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### Maxihost

*Software Engineer*

Jan 2021 - Present

*Sao Paulo, Brazil (Remote)*

- Maxihost is a company building infrastructure products. With a strong focus on bare metal cloud and reliability, the servers are spread in more than five regions around the world.
- I am responsible for building complex pieces of software integration with third-party services like Stripe, contribute with the development of the second version of the core API and also help other teams automate procedures. There I use mainly Ruby on Rails with Postgres, and a bit of Python to scripts.

### 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 and integrate legacy software. 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.