

EMERSON COSTA

Natal, RN, Brazil

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PROFESSIONAL OBJECTIVE

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

WORK EXPERIENCE

RegulaRN

Software Engineer

Mar 2020 - Present

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.

HERMES

Software Engineer

Dec 2019 - Feb 2020

Natal, Brazil (Remote)

- Hermes is a huge project with focus on correlate data from social networks, epidemiology sources and news (newspaper, TV, Radio). There I was responsible for build data pipelines to process a high heterogeneous amount of data, write RESTful APIs and help the creation of dashboards. The product was code using Python with Django, Javascript, Postgres and a data science stack (Numpy, Pandas, NLKT).

PNTD - National Platform of Telediagnosis

Software Engineer

Fev 2017 - Dec 2019

Natal, 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

Federal University of Rio Grande do Norte

Bachelor's Degree: Computer Engineering

Department of Computer and Automation

Fev 2017 - Present

Federal Institute of Rio Grande do Norte

Technician in Computing

Jul 2013 - Dec 2016

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.