YOHAN ALEXANDER

SOFTWARE ENGINEER

Software engineer with experience in backend development for the WEB in a microservice architecture and AWS cloud. Use of Python and Golang languages with Clean Architecture and TDD, REST APIs, gRPC / protocol buffers, CI / CD tools, DevOps tools, messaging, orchestrators and observability (Linux, Docker, Grafana, RabbitMQ, Kafka).

EDUCATION

2022
|
2018

Bachelor at Computer Science

Federal University of Sergipe ♦ DCOMP

- Development of technical skills in design and analysis of algorithms.
- Contribution to the academic community through research at the level of scientific initiation.
- Development of skills in interdisciplinary thinking, through participation in the High Energy Astrophysics Research Group.

2017
|
2016

Unfinished Bachelor at Eletronic Engineering

Federal University of Sergipe ♦ DEL

- Development of technical skills in electronic prototyping.

RESEARCH EXPERIENCES

2020
|
2019

CNPq Scientific Initiation Scholarship

High Energy Astrophysics Research Group ♦ DFI

- Implementation in Python language of the Z2n periodogram.
- The central idea of the project is to implement in Python a mathematical method based on Fourier analyzes that is appropriate and widely used in Astrophysics to characterize oscillations with short periods (<minutes).

INDUSTRY EXPERIENCES

NOW
|
2021

Backend Software Engineer

Cornershop by Uber ♦ Uber

2021
|
2020

Backend Python Developer

ma9 Soluções em Tecnologia ♦ pagueON

- Development of Restful APIs using the Python programming language through frameworks such as Django / Django Rest.
- Microservice architecture using Docker containers and orchestrators such as Docker-compose and Docker Swarm, made available via the AWS cloud.
- Management of asynchronous tasks through the passing of distributed messages in queue systems using Celery.

CONTACT

- ✉ yohanfranca@gmail.com
- in yohanalexander
- ○ yohanalexander
- ○ yohanalexander
- ⚲ yohanalexander.github.io

LANGUAGES

Portuguese (Native)
English (Fluent)

SKILLS

Clean Code
Clean Architecture
Domain Driven Design
Test Driven Development

TOOLS

Python
Golang
C/C++
LaTeX
SQL
Shell Script

Made with the R package
pagedown.

Last updated on 2021-07-02.