

# YOHAN ALEXANDER

## FULL CYCLE DEVELOPER

I am a software developer with experience in WEB development of financial services. Use of Python and Golang languages, Restful APIs, gRPC / protocol buffers, continuous integration tools, microservice architecture exploring Docker containers made available via the AWS cloud. In my spare time I dedicate my studies to Data Science and Machine Learning methods.

## EDUCATION

- 2022  
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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  
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2016
- Unfinished Bachelor at Eletronic Engineering**  
Federal University of Sergipe  
DEL
- Development of technical skills in electronic prototyping.

## RESEARCH EXPERIENCES

- 2020  
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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  
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2020
- Python backend Web development**  
ma9 Soluções em Tecnologia  
ma9
- 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

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## 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](#).

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