



JONHNATHA TRIGUEIRO

Compute Engineer with solid skills in software development

ABOUT ME

Compute Engineer focused in WEB development systems, containers and DevOps culture evangelist. Self taught professional with the mission of providing sustainable applications.

As a Pythonist, I love to create applications applying the Zen of Python, mainly on the part "Explicit is better than Implicit". I consider myself as a good Django developer; It's a great tool for the prototype because it's productivity up to solid production environments due to it's mature and battle tested ecosystem.

Also I present keynotes on my freetime and I'm used to be pretty engaged to the Opensource community. Customer-oriented, focused on quality and maintainability. Highly motivated to work in a team, both comfortable in big companies as in small teams.

As an aviation enthusiast, I used to constantly being driven by the philosophy of the skies: security on the first place, clear communication, redundancy and enjoy the view at FL420.

WORK EXPERIENCE

Tech Lead
MaisTodos

Dec 23 - TODAY

I'm responsible to support a 5 devs team in order to ship software to production, on both backend and frontend. Also, I'm responsible for creating stories, debug problems in higher environments and act as a bridge between my team and the Engineering Manager.

- Team Leadership;
- Build and maintain SDLC using good practices, DDD, SOLID;
- Keep the team unblocked; reviews, 101s;
- Troubleshoot on higher environment;
- Teach other developers;
- Work with Kanban

Technologies includes:

- Python 3.8+;
- AWS Lambda / Chalice;
- Django Rest Framework;
- Pytest for Unit Testing;
- React Native;
- Django;

SKILLS

Python	8+ yrs
Django	8+ yrs
Django Rest Framework	5+ yrs
Javascript	8+ yrs
Typescript	2+ yrs
TailwindCSS	2+ yrs
React	2+ yrs
Zustand	2+ yrs
Docker	8+ yrs
Shellscript	10+ yrs
GNU/Linux	5+ yrs
AWS	3+ yrs
Terraform	2+ yrs
DevOps	4+ yrs
Jenkins	7+ yrs
Github Actions	1+ yrs
Bootstrap	5+ yrs
CHEF	3+ yrs

CONTACT

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Senior Backend Engineer (Django)

Mar 22 - Sep 23

[Routable](#)

I work at this startup as a Backend Engineer. Amongst my duties, I maintain a part of their code that handle communications with 3rd party ledgers. Routable is a startup that offers a payment one stop shop to it's clients.

- Developing Endpoints with DRF that communicates with the Frontend application;
- Improve the running processes;
- Development focused on hardened security in mind;

Technologies includes:

- Python 3.8+
- Django Rest Framework;
- Pytest for Unit Testing;
- Django;

DevOps Engineer

Dec 21 - Mar 22

[Beatstars](#)

I mainly support their Java based running applications. Also I work developing some automations on Jenkins side in order to better support their deployment processes that uses AWS. Also I work closely on Observation through Datadog. Aside of that I work educating teams to better apply the DevOps Culture.

- Creating Customizable Jenkins pipelines using Shared Libraries;
- Supporting pre-existing pipelines and shell scripts;
- Working closely with AWS infrastructure and Datadog

Technologies includes:

- Jenkins Pipelines (scripted/declarative);
- Gradle;
- Docker with private repositories on ECR
- Python.

Contractor DevOps/FullStack Developer

Dec 20 - Nov 21

[Squaretrade](#) / [AvenueCode](#)

Actually I help maintaining current running applications, as well as I perform automation development into their pipelines. In addition to that the pipelines has been created under Jenkins' shared libraries with making a massive use of Gradle for their automation scripts. Also I develop some Python based tools for managing their services, packaging it through Docker and distributing inside their pipelines.

- Creating Customizable Jenkins pipelines using Shared Libraries;
- Troubleshoot pre-existing pipelines;

EDUCATION

2012 - 2016

BEng Compute Engineering

UNP - Universidade Potiguar

Branch of Laureate International Universities

Full scholarship.

Learned about microcontrollers and the best way for integrate hardware and software. Focused on industrial automation.

LANGUAGES

English

Adv

Portuguese

Native

LICENSES

Driving License

AB

USA Visa

B1/B2

- Development of python packages (using Poetry via PEP 517);
- Revamp a VM application approach to a containerized one.

Technologies includes:

- Jenkins Pipelines (scripted/declarative);
- Gradle;
- Docker with private repositories on Artifactory
- Python.

Contractor DevOps/FullStack Developer

Sep 17 - Dec 20

Mastercard / Wipro

Software Engineer responsible for creating solutions for the Enable Team. My main duties on the company are: general troubleshooting ; enhancements to previously created pipelines and creating new solutions that enhances the the observability and control, and so on.

- Created Django based applications into Dockerized environments that handles vRealize APIs and SSH connections in order to create a self-service platform for Developers being able to request a production environment virtual machine for development and testing;
- Managed legacy code using Chef Config Mgmt;
- Created and maintained Jenkins pipelines;
- Supported legacy rails applications, from Pipelines up to developed environments;
- Created tools for handling REST Api calls on known services in order to generate dashboards;

Technologies includes:

- Django, Created Python Libraries, Paramiko (for SSH Handling);
- HTML5/CSS3/Bootstrap3 VueJS for frontend applications;
- Chef, Docker and Jenkins Pipelines for the CI/CD Pipelines

Django Developer/DevOps Engineer

Dec 16 - Jul 17

Preludian - Freelance

I acted as a Full stack Engineer for a renewable energy company manager system, from conception to deploy. Many ideas was given, like adding the ability for creating a Telegram BOT, drone remote programming for ortophoto shots, AI for verifying the authenticity of Documents with Brazilian authorities, Index all documents on elasticsearch for fast search, and so on.

- Created a fully working Django application with GIS support on Docker containers;
- System consisted by two admin panels, for staff and contractors;
- I created components responsible for connecting with Dropbox API in order to provide a virtual drive feature;
- Created a KMZ with all layers and polygons being plotted adding the ability to select, query and use with other layers on Google Earth;

- Added a task runner responsible for high demanded tasks, like mass download of documents recursively.

Technologies includes:

- Python 3 on Docker Images based on Alpine for performance;
- Fabric for creating deployment script;
- Django admin fully changed in order to add Dashboard and geoviews;
- Generating KML Using django template engine for Google Earth Layers;
- Dropbox API for the Drive capabilities;
- HTML5/CSS/Bootstrap for the frontend; Angular (v1) for the drive navigator;

SIDE PROJECTS

Build of an AI Image Generator interface

Fev 23 - Today

[Kirsch](#)

I worked with a friend to build a tool that serves as interface for several image generators. Initially we solved the following problem: how to get images from Midjourney and serve it on a webapp as soon as we have them.

- Interface between Midjourney (on Discord) and Webapp;
- Create a Next.js app with TailwindCSS;
- Realtime messages with WebSockets;
- Since Midjourney generate 1 stream of 4 images, we manipulate the images as they come.

Technologies includes:

- Python 3.11;
- Websockets for Python; Discord-py; FastAPI (with Pillow support for image threatment)
- Next.js
- Tauri (for windows builds) and Electron (for mac builds)

Build of a map based app for Renewable Energies Market


Fev 23 - Today

[DATERRA](#)

I'm developing a full stack application that acts as the one shop for companies and individuals being in touch with consumers in Brazil.

- Frontend application with Next.js and TailwindCSS;
- Backend with Django 4 and Postgis;
- Websockets with Django Channels;
- Login using 2FA on Whatsapp numbers provided by Twilio;
- Unit tests with PyTest for the Backend;

Technologies includes:

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- Python 3.11;
 - Django 4
 - Next.js 13
 - React with Zustand
 - TailwindCSS
 - Docker (with docker-compose)
 - Terraform (for AWS deployment using ECS)