

Carlos Iván Pineda Santiago

Sr Backend Developer



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México



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<https://github.com/Ivan252512>



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Skills

Celery

VueJS

Java

C/C++

Python

Flask

Django

JavaScript

Relational Databases

No Relational Databases

Docker

GNU/Linux

HTML, CSS, Bootstrap

Git

AWS (Certified Cloud Practitioner 2020)

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Education

2014-2018 B.Sc. Earth Sciences, Space Sciences

2015-2019 B.Eng. Computer Systems



UNAM

IEU

Full time jobs

2022- GBM+ (May 2022 - Today)
My main role is being a Python Developer, also I implement solutions with AWS Cloud using the serverless framework. I use ECS, Fargate, EC2, S3, Lambda, Dynamo, APIGateway, etc. I have been developing VueJS applications.

2021-2022 Tu Cantón (October 2021 - May 2022)
Full Stack Web Developer, in this job I developed applications with Python (Django, Flask, FastAPI, AWS Lambdas and scripts with Jupyter Notebook) and I deployed them in the AWS Cloud, I used Javascript and ReactJS for the frontend and NodeJS to perform back-end applications.

2020-2021 Codster (March 2020 - October 2021)
AWS Cloud Engineer, in this job I developed applications with Python and AWS Cloud. Mostly, I used Django, Flask, Elastic Beanstalk and Lambdas.

Projects

2021 Binance Algorithmic Trading Bot (March 2021 - June 2021)
A bot made with Django and Binance API. I used Pandas, Numpy and SciPy to calculate moving averages, Fibonacci retraction levels, Bollinger bands, linear regressions, Gaussian filters, derivatives and inflexion points. The bot solves an optimization problem with a parallelized Genetic Algorithm with all the data received from the Binance API.

Code: <https://github.com/Ivan252512/botentry>

2021 Mares de Papel (March 2021 - May 2021)
Fullstack development with Django for the backend.
Page: <https://maresdepapel.com/>

2018 WSEN (May 2018 - November 2018)
Fullstack development with PHP backend.
Page: <https://wsen-latina.unam.mx/>

Other skills

API, MongoDB, DynamoDB, Machine Learning (Pandas, ScikitLearn, SciPy, Keras, Numpy), NodeJS, VueJS, Linux and Algorithms & Data Structures. I have a basic-intermediate specialization in high performance computing with Python, I can use libraries like Numba, Multiprocessing, Threading and Celery to perform asynchronous tasks. I frequently use Google Hangouts Meet, Asana, Skype, Slack, Zoho and Trello for the projects management. My English language level is intermediate.