Edder Ramírez

Python Engineer | GDG Organizer

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Python Developer with 6+ years building scalable backend solutions with Django and FastAPI. Currently focused on AI agent development, with experience and interest in Google ADK, LlamaIndex and Vertex AI to create intelligent and automated solutions.

WORK EXPERIENCE

Python Software Engineer   2024 - Currently
IA Interactive

I work as a Python Backend Developer, responsible for creating and maintaining microservices. Additionally, I collaborate in the development of various SDKs for different company projects.

- Designed and actively participated in the architecture and development of a central multiplatform SDK that optimizes system error handling, improving user experience and facilitating problem diagnosis.

Skills

`AWS` `DynamoDB` `FastAPI` `Python` `Java`

Python Backend Developer   2024 - 2024
K2 Partnering Solutions

I collaborated on a project where data uploaded from a CSV file was manipulated and processed to send to an API, in order to create different energy offers and generate graphical visualizations. Additionally, I built microservices using Python and Serverless Framework, which were consumed from the application's frontend.

Skills

`AWS API Gateway` `AWS CloudWatch` `AWS DynamoDB` `AWS EC2` `AWS Lambda` `CodeCommits` `Git` `Postgres` `Python` `Serverless Framework` `SQL`

FullStack Developer   2021 - 2023
Destácame

I maintained and added new functionalities to the company's product. My work focused on ensuring comprehensive development to constantly optimize and enrich the product.

- Orchestrated the integration of APIs from financial institutions such as Vexi, Financiera Independencia, CuraDeuda, Creditea, Escampa, Amicar; significantly enriching the catalog of products available for users on the platform.
- Worked on designing and optimizing the user interface for credit bureau reports, with the goal of making it clearer and easier to use for our end users, thus improving the clarity and usability of the interface.
- Developed a project using Django that generated credit bureau reports, achieving a drastic reduction in errors and improving process accuracy by 90%.
- Revolutionized user experience through intuitive improvements in our platform navigation, resulting in a notable increase in accessibility and efficiency.
- Created a landing page to help users pay their overdue debts, which was used by more than 47,000 people.

Skills

`AWS API Gateway` `AWS CloudWatch` `AWS DynamoDB` `AWS EC2` `AWS Lambda` `CSS` `Django` `Django Rest Framework` `Git` `Github` `HTML` `JavaScript` `Jinja` `MySQL` `Python` `SASS` `Tailwind` `Vue`

FullStack Developer

2020 - 2021

Alluxi

I collaborated at the company as a web developer, responsible for maintaining and implementing new functionalities in existing systems.

- I was responsible for maintaining and contributing to software that simplifies the process of managing scholarships and student exchanges with foreign schools, optimizing the student onboarding process and providing a comprehensive view of educational offerings available at various institutions.
- Designed and contributed to a continuing education platform that revolutionized how users access new courses, integrating Conekta as a payment platform to facilitate access to continuous learning and professional development.
- Led the construction of a platform to manage social event invitations, simplifying how users send and manage their invitations, as well as itinerary planning for social events, improving the overall user experience in event organization.
- Developed an insurance platform that optimized contract generation for various types of insurance, offering users a more efficient and personalized experience to obtain coverage according to their specific needs.

Skills

`AWS EC2` `CSS` `SASS` `Docker` `Django` `Django Rest Framework` `Git` `Github` `HTML` `JavaScript` `Postgres` `Python` `Vue`

Application Support

2019 - 2020

Klatus

I performed application support functions at the company, providing assistance to various previously developed and delivered systems. Additionally, I incorporated new functionalities according to specific needs.

- Designed and developed a platform for community risk analysis, displaying statistics by municipality to provide a comprehensive view of potential risks.

Skills

`Django` `Django Rest Framework` `Git` `Github` `HTML` `JavaScript` `Postgres` `Python`

Django Developer

2019 - 2020

Evient

I participated as a Backend Developer at the company, providing support to existing systems, fixing modules, and adding new functionalities to improve their performance.

Skills

`Django` `Git` `Github` `HTML` `JavaScript` `Postgres` `Python`

Django Developer

2018 - 2019

Vordem Software

I worked as a Django developer at the company, providing support and assistance to various systems created for clients. Additionally, I began collaborating on the internal development of a product.

- Developed a system to connect suppliers with buyers in the business environment.
- Created a system for exchanging digital artworks within a company.
- Built a system where projects could be registered and mentors could provide feedback.

Skills

`CSS` `Django` `Django Rest Framework` `Git` `Github` `HTML` `JavaScript` `Jinja` `Jquery` `Postgres` `Python`

EDUCATION

Information Systems Engineering

2011 - 2013

Universidad Interamericana para el desarrollo (UNID)

SKILLS

`HTML` `CSS` `JavaScript` `Tailwind` `Vue` `React` `astro` `Git` `GitHub` `Python` `Django` `FastAPI` `Flask` `MySQL` `Postgres` `AWS` `Jinja` `Google ADK` `LlamaIndex` `Google Cloud`

PROJECTS

Virginia Moon - https://virginiamoon.mx/
Online store for women's clothing and accessories

UmafeIP - http://umafeip.com/
Website and clinical record system for a medical office in Campeche, Mexico.

Eventy - https://eventy.mx/accounts/login/?next=/
System that helps manage social event invitations. Developed at Alluxi Agency.

Se buscan proveedores - https://sebuscanproveedores.com/
Platform that helps connect suppliers with customers and vice versa in Mexico. Developed at Vordem Software Agency.

LANGUAGES

Spanish - Native speaker   **English** - Advanced

STRENGTHS

Adaptability   Continuous Learning

Self-control   Self-discipline   Collaboration

Determination   Persistence   Problem Solving

Teamwork

CERTIFICATIONS

ChatGPT AI Voice Chatbot Build with React and FAST API Combo
Udemy - 2025

Scrum Foundation Professional Certificate (SFPC)
CertiProf - 2024

The Complete Guide to Django REST Framework and Vue JS
Udemy - 2021

FastAPI - The Complete Course 2023 (Beginner + Advanced)
Udemy - 2023

Python Master Course: From Zero to All-Terrain Programmer
Udemy - 2017

Python and Django Full Stack Web Developer Bootcamp
Udemy - 2017

Try Django
Udemy - 2018

Build a Backend REST API with Python & Django - Beginner
Udemy - 2018