

IVAN PONCE

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Software Engineer working in backend development for more than ten years. Throughout this time, I have worked with Python as a programming language and Django as a web framework, mainly. These years gave me experience in web development in many domains like real-statement, financial services, security and fraud prevention, education, and Insurance services. I have strong analytical and problem-solving skills, and I'm interested in building a better business-oriented approach to working for a great product company.

Skills: Python, Django, DRF, GraphQL, Celery, PostgreSQL, MySQL, MongoDB, Git, Docker, Jira, AWS, HTML/CSS

EXPERIENCE

SONAR HEALTH, INC

Senior Backend Engineer

New York (Remote)

Dec 2025 — Present

- Backend development using Python (FastAPI), microservices architecture, PostgreSQL, and AWS-based infrastructure. Working on a health-tech platform focused on processing and analyzing wearable data to generate personalized insights for users' physical performance and wellbeing.
- Designed and implemented a custom AI-powered Insights Chatbot leveraging LLM providers such as AWS Bedrock and OpenRouter, enabling users to interact with their health data through natural language.
- Built the core infrastructure for memory management and Retrieval-Augmented Generation (RAG), including short-term and long-term memory handling, semantic search, and contextual reasoning over user data.
- Developed data processing pipelines using columnar formats (Parquet) and high-performance data tools (Polars) to efficiently handle large-scale wearable datasets.
- Incorporated AI-assisted development workflows (e.g., Claude) to accelerate prototyping, system design exploration, and iterative improvements in emerging AI-driven features.

PRIMEHAMMER LTD

Backend software engineer

Prague, Czech Republic (Remote)

Nov 2024 — Nov 2025

- Web development using Python / Django, GraphQL APIs, and PostgreSQL, with AWS Services and Agile methodologies.
- Worked with a U.S.-based client in the education sector, building and maintaining a large-scale enrollment platform that connects students with schools across multiple districts, each with customized admission and seat allocation logic.
- Part of the backend team responsible for developing and supporting core features such as the guardian portal, seat management system, and administrative tools for schools and districts, as well as complementary systems like notifications, event management, and CSM.

TESORIO, INC.

Backend software engineer

San Francisco (Remote)

Jul 2023 — Aug 2024

- Web development with Python / Django, Rest APIs using DRF and PostgreSQL, AWS Services
- I had the opportunity to work with two teams. Initially, I worked with the CashPro team, which developed a customized product for Bank of America, one of the company's key clients, building features that enabled the analysis of financial data to project cash flow management for the bank's clients. Later, I joined the core product team, where I supported functionalities related to collections, communications, and the payment portal, among others.
- Designed and built many features related to the Payments Portal, a tool offered to Tesorio's customers' clients.

ALLSTARS IT / Fragomen, Del Rey, Bernsen & Loewy

Backend software engineer

Remote

Aug 2022 — June 2023

- Building backend functionalities for a New York-based client in migration cases management business as part of the Configuration teams. Adding new migration cases for foreign nationals using the in-house built platform.
- Web development with Python / Django, Rest APIs using DRF and PostgreSQL

TESORIO, INC.

Backend software engineer

San Francisco (Remote)

Jan 2022 — June 2022

- Web development with Python / Django, Rest APIs using DRF and PostgreSQL, AWS Services

- As part of the Integrations Team, I was responsible for the communications with several ERPs (Enterprise Resource Planning) tools using their APIs and services to sync the financial data from the different customers and this way guarantee the required resources for other teams to run all the systems functionalities
- Designed and built many features related to the registration flow in order to create new customers for the system

URUIT S.A.S.

Backend sr. developer

Medellín, Colombia

Sept 2018 — Jan 2022

- Building backend functionalities for a Boston-based client in real-statement and properties management business as part of the Platform team
- Re-writing of a legacy system with a whole new tech stack (including Python and Django on the backend side, Rest APIs using DRF and PostgreSQL, AWS Services)
- Designed and built many features related to user management, authentication, labors and materials, and rules systems

INICIATIVAS DIGITALES S.A.S (Comparamejor.com)

Mid-weight Python/Django engineer

Bogotá, Colombia

Dec 2016 — Sept 2018

- Building a web application for a Colombian startup that offered a web application for insurance policies and financial services comparing and acquisition
- Built a new version of the system using a new tech stack including Python and Django , Rest APIs using DRF, GraphQL and PostgreSQL, AWS Services
- Designed and built features for the comparamejor.com portal related to authentication, funnel logic, rules systems, and notification mechanisms

CYXTERA THECNOLOGIES

Software engineer

Bogotá, Colombia

June 2016 — Dec 2016

- Backend software *engineer* for company that offers security solutions for financial institutions
- Designed and built features for the DBS Client product, focused on electronic fraud detection using Java

RITBOX S.A.S.

Developer analyst

Bogotá, Colombia

Jan 2015 — Jan 2016

- Features development for one of the main banks of Bogotá city - Colombia. Mainly, working for the bank's loans area

VITTIC S.A.S.

Software engineer

Bogotá, Colombia

June 2014 — Dec 2014

- Software development company created by me and some friends.
- First experience working with Python and Django for international clients: a group of churches in USA

EDUCATION

UNIVERSIDAD DISTRITAL FRANCISCO JOSÉ DE CALDAS

Systems Engineer - Software Engineer

Bogotá, Colombia

2009 — 2015

ADDITIONAL

- Spoken languages: English (advanced) – Spanish (native)
- Activities and hobbies: Draw, sketching, reading, photography, hiking