

Carlos Alberto Prado

Python Backend Developer

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With over 7 years of experience, I work with frameworks such as FastAPI, Flask, Django. Experience in system migrations, automation, and database management. Passionate about integrating modern technologies like AI and optimizing APIs.

Experience

PIPOL

2024 - 2025

Backend Developer

Company specialized in media. Advertisements in different media are analyzed and dashboards with relevant client information and statistics are provided.

- Migration of code from Flask to FastAPI, improving overall system performance.
- Transformation of REST-based API to GraphQL using Strawberry, optimizing frontend communication.
- Data synchronization and management in BigQuery, ensuring consistency and performance.
- Implementation of monitoring and logs in GCP for better traceability.
- Technical support and collaboration with the frontend team.

DOCAI

2024

Backend Developer & DevOps Engineer

Development of an API for a Content Management System (CMS). The app uses AI to analyze PDF documents.

- Implementation of FastAPI with PostgreSQL, ensuring scalability.
- Integration with AWS S3 for file storage and deployment on EC2.
- Use of pgvector for content-based searches.

DIAMOND ROCK

2023

Backend Developer

Development of a REST API in FastAPI for a content search app based on proximity (distance to the user).

- Implementation of FastAPI with Prisma ORM.
- Use of the H3 library to efficiently calculate distances.

FREELANCE

2018-2024

Python Developer

During this period, I worked on various Python-related projects for clients worldwide.

- Backend: API development with FastAPI, Flask, and Django.
- Data Science: use of libraries such as Numpy, Pandas, Seaborn.
- Scraping: data collection with BeautifulSoup, Selenium, and Scrapy.
- Machine Learning: building models using scikit-learn, keras, tensorflow.

Education and Training

University of Buenos Aires

Bachelor's Degree in Physical Sciences

2009 - 2017

Languages

Spanish: Native

English: Advanced (C1)