Gonzalo Martín Pontnau

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Junior Backend Developer

I am a **Systems Engineering** student with a strong focus on backend development. I design and build APIs and web applications using **Python** (Django/Flask), working with relational databases such as **PostgreSQL** and **SQLite**. Currently learning **Go** as part of an academic project on distributed operating systems. I apply agile methodologies (**Scrum**) and security principles in hands-on projects. I've led teams, coordinating tasks and encouraging collaboration thanks to my strong interpersonal skills. I'm seeking my first professional experience where I can contribute my technical skills, fast-learning ability, and proactive mindset.

Skills

Frontend	Backend	Databases:
HTML, CSS, JavaScript,	Python, Go	PostgreSQL, SQLite, MySQL

Tools:	Other Skills:
Git, Postman, CI/CD	Inglés (B2), Slack

Personal Projects

GymAI – Your Personal TrAIner – *Python (FastAPI)*
- AI-powered web app that generates and customizes workout routines using Google Gemini.
- Includes real-time chat to modify routines, posture analysis via image processing, and user progress tracking.
- Built with FastAPI, WebSockets, PostgreSQL, and HTMX.

Personal Finance Management System – *Python (Django)*
- Web application with user authentication, REST endpoints, and full CRUD for personal finance management.
- Features include UUIDs for transactions and dynamic filtering with AJAX. Modular MVT architecture.

Cryptocurrency Price Viewer – Python (Flask)
- Interactive web app to view real-time cryptocurrency prices using the CoinMarketCap API with JWT authentication.
- MVC architecture with dynamic rendering using Jinja2.

Education

Django Course - Platzi *Feb/2025*
Covered fundamentals, models, advanced queries, views, APIs with Django REST Framework, and deployment on AWS. Focused on MVT architecture and advanced API development for production environments.

National Technological University (UTN.BA) *2022 - 2028*
Advanced Computer Systems Engineering student. Developed a distributed operating system in Go, including modules such as Kernel and HTTP APIs. Combined this experience with skills in requirement analysis, modular design following SOLID principles, and agile methodologies, enabling me to manage and implement complete solutions as a systems analyst.

San Vicente Pallotti Institute *2015 - 2021*
High School Diploma in Business Management and Administration.