Gonzalo Sanchez

💼 Software Engineer

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👤 Personal Summary

As a software engineer, I excel in architecting performance-focused solutions. I specialize in crafting robust APIs and automating mundane tasks. My approach prioritizes user-oriented, data-driven design to deliver simple yet effective solutions to complex problems.

🏢 Professional experience

Select Star *Backend Engineer*   **Jun 2023 - Dec 2023**
- SCIM compliant Users API implementation
- N+1 queries optimization reducing API response times

AbstractAPI *Senior Backend Engineer (Freelance)*   **Nov 2022 - Feb 2023**
- Enhanced development times set-up and experience by applying Docker.
- Boosted missing API data from 85 to 98% by integrating a third-party provider (Python, Django).

ShipHero *Senior Backend Engineer*   **Dec 2020 - Jan 2023**
- Improved shipping stats app analytics query response times by 90% through utilization of Redshift.
- Developed a robust REST API for a workforce management app making managers save 50% time in leading people tasks (FastAPI, AsyncIO).

Mozio Group *Backend Engineer*   **Jan 2019 - Nov 2020**
- Integrated the core API with third-party providers (Django, rest-framework, Postgres, Redis, and AWS).
- Optimized API response times through implementation of Celery and Redis.
- Designed and implemented a high-performance REST API for a car drivers app using MQTT and Redis.

Machinalis SRL *Backend & Machine Learning Developer*   **Jul 2016 - Jan 2019**
- Microservice for payment status prediction (Flask, XGBoost, Scikit-Learn).
- Developed a high-availability REST API for a big data analysis app using Django and Elasticsearch.
- Analyzed and trained models for sentiment analysis and people topic detection using Clustering, Pandas, and Scikit-Learn.

Taller Technologies *Software Engineer*   **Sep 2015 - Jul 2016**

VENG S.A. (CONAE) *Unit Engineer*   **Dec 2014 - Aug 2015**

SIANA Systems *Embedded Software Engineer (Freelance)*   **Aug 2014 - Dec 2014**

DTA S.A. *Software Engineer*   **Sep 2011 - Sep 2014**

Exacts, Physics and Natural Sciences School *IT support & Sysadmin*   **Sep 2007 - Aug 2011**

🎓 Education

Cordoba National University *Bachelor Degree: Computer Engineer*   **Dec 2004 - 2012**
Thesis: "Design and Implementation of an Embedded Developments Board for Education Purposes"

Kinetis K60 architecture and MQX(r) RTOS programming Workshop   **2014**

Teaching Assistant at Data Communications Course   **2010 - 2013**

⚙ Technical Skills

- ✔ Python, C, Django, Flask, rest-framework, FastAPI
- ✔ Postgres, MySQL, Redis, ElasticSearch
- ✔ AWS, Docker