Gonzalo Sanchez

Personal Summary

As a software engineer, I am a self-starter with a strong commitment to delivering data-driven, user-friendly solutions. I believe in keeping things simple, and I am always seeking new ways to improve the user experience. My goal is to develop efficient and effective software that meets the needs of both the end-user and the business.

Skills

Programming	Python, C/C++, Django, Flask, rest-framework
Others	Postgres, MySQL, DynamoDB, Redis, ElasticSearch, AWS, Docker
Languages	Spanish, English

Professional experience

Dec 2020 - Jan 2023 — **Senior Backend Engineer**, *ShipHero*, Remote
- 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).

Nov 2022 - Feb 2023 — **Senior Backend Engineer**, *AbstractAPI*, Remote
- 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).

Jan 2019 - Nov 2020 — **Backend Engineer**, *Mozio Group*, Remote
- 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.

Jul 2016 - Jan 2019 — **Backend & Machine Learning Developer**, *Machinalis SRL*, Cordoba, Argentina
- Created Microservices for payment status prediction utilizing Flask, XGBoost, and 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.

Other relevant experience

Jun 2020 - Sep 2020 — **Backend Developer**, *BoostUp.ai*, Remote

Sep 2015 - Jul 2016 — **Software Engineer**, *Taller Technologies*, Cordoba, Argentina

Dec 2014 - Aug 2015 — **Unit Engineer**, *VENG S.A. (CONAE)*, Cordoba, Argentina

Aug - Dec 2014 — **Embedded Software Engineer**, *SIANA Systems*, Remote

Sep 2011 - Sep 2014 — **Software Engineer**, *DTA S.A.*, Cordoba, Argentina

Sep 2007 - Aug 2011 — **IT support & Sysadmin**, *Compute Centre of the Exacts, Physic and Natural Sciences School*, Cordoba, Argentina

Education

2004 - 2013 — **Bachelor of Computer Engineering**, *Cordoba National University*, Cordoba, Argentina

Teaching

2014 — Kinetis K60 architecture and MQX(r) RTOS programming Workshop at Cordoba National University

2010 - 2013 — Student Assistant at Data Communications Course, Cordoba National University