

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, Django, Flask, rest-framework. C, FastAPI.
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).
- 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

- Nov 2022 - Feb 2023 **Senior Backend Engineer (Freelance)**, *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).
- Jun 2020 - Sep 2020 **Backend Developer**, *BoostUp.ai*, Remote
- Developed analytics queries for their main pipelines in MongoDB. Technologies: Python, Flask.
- 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 (Freelance)**, *SIANA Systems*, Remote
- Sep 2011 - Sep 2014 **Software Engineer**, *DTA S.A.*, Cordoba, Argentina
- Main developer of the Control Unit Software for the SAOCOM satellite (CONAE).
- 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