

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, Django, Flask, rest-framework, FastAPI.
Others	Postgres, MySQL, Redis, ElasticSearch, AWS, Docker.
Languages	Spanish, English

Professional experience

Jun 2023 - Dec 2023	Backend Engineer, <i>Select Star</i> , Remote <ul style="list-style-type: none">SCIM compliant Users API implementationN+1 queries optimization reducing API response times
Dec 2020 - Jan 2023	Senior Backend Engineer, <i>ShipHero</i> , Remote <ul style="list-style-type: none">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, <i>Mozio Group</i> , Remote <ul style="list-style-type: none">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, <i>Machinalis SRL</i> , Cordoba, Argentina <ul style="list-style-type: none">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.

Other relevant experience

Nov 2022 - Feb 2023	Senior Backend Engineer (Freelance), <i>AbstractAPI</i> , Remote <ul style="list-style-type: none">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, <i>BoostUp.ai</i> , Remote <p>Developed analytics queries for their main pipelines in MongoDB. Technologies: Python, Flask.</p>
Sep 2015 - Jul 2016	Software Engineer, <i>Taller Technologies</i> , Cordoba, Argentina
Dec 2014 - Aug 2015	Unit Engineer, <i>VENG S.A. (CONAE)</i> , Cordoba, Argentina
Aug 2014 - Dec 2014	Embedded Software Engineer (Freelance), <i>SIANA Systems</i> , Remote
Sep 2011 - Sep 2014	Software Engineer, <i>DTA S.A.</i> , Cordoba, Argentina <p>Main developer of the Control Unit Software for the SAOCOM satellite (CONAE).</p>
Sep 2007 - Aug 2011	IT support & Sysadmin, <i>Compute Centre of the Exacts, Physic and Natural Sciences School</i> , Cordoba, Argentina

Education

2004 - 2013	Bachelor of Computer Engineering, <i>Cordoba National University</i> , 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