

Facundo Olano

I'm a software engineer from Buenos Aires, Argentina, with over 15 years of experience in the industry. During the first part of my career, I worked as a Python and Django web developer while completing my Software Engineering degree. Later, I specialized in backend development, service-oriented architectures, and distributed systems, using various technologies and programming languages (Python, Node.js, Clojure, Erlang, Rust).

Because I think that software development is primarily a human activity, I place a high value on communication and knowledge sharing. I try to bring a business perspective to software discussions and provide technical insight to non-engineers. I tend to assume a leadership role in the teams I integrate, leading by example and from experience rather than title.

More than technology or scale, my interest is in using simple tools to solve problems for users, working at organizations with healthy environments and sustainable business models.

I currently write on [my blog](#) and maintain many [open-source projects](#).

Education

Software Engineering, Universidad de Buenos Aires

2006 - 2013

Experience

Staff Software Engineer, LambdaClass

Jul 2022 - Jan 2023 · 7 mos

As a Staff Engineer I reported directly to the CEO. I provided technical leadership for about 20 people on a newly formed organization within the company. I started a Platform Team to support the rest of the organization and later led a distributed systems research and development effort.

[#DistributedSystems](#) [#Rust](#) [#Elixir](#) [#Terraform](#) [#AWS](#) [#Nomad](#)

Software Engineer, NextRoll (LambdaClass contractor)

Feb 2018 - Jul 2022 · 4 yrs 6 mos

As part of the Real-time bidding team, I worked on design, development, maintenance and operation of the bidding service and its support systems. These were decade-old systems, deployed to 2000 servers across the world, with high traffic and latency demands. Operations work included infrastructure set up, deploys, monitoring, and production incident handling.

Some of the work efforts I led at NextRoll:

- Streamline and automate new exchange integrations, a process that went from a couple of months to a couple of weeks.
- Automate the production deploy processes, reducing its time from 6 hours to 45 minutes.
- Modernize and decommission several legacy systems.
- Automate periodic tasks such as AMI and release package preparation.
- Implement a system to pull canary deploy metrics from DataDog and process them with Pandas to diagnose canary deploy health.

- Profile and optimize the server performances with the specific goal of infrastructure cost savings.
- Redesign, prototype and future-proof systems in preparation for privacy-related changes in the Ad Tech industry.

#AdTech #DistributedSystems #Erlang #Python #Elixir #JavaScript #PostgreSQL #AWS #Terraform #Datadog

Senior Software Engineer, LambdaClass

Jun 2017 - Feb 2018 · 9 mos

As one of the first engineers to join the company, I divided my time between open-source projects and contractor work for one of the clients.

#Erlang #ClojureScript #WebRTC #Cassandra #PostgreSQL

Senior Software Engineer, Mad Mobile

Mar 2016 - Jun 2017 · 1 yr 4 mos

As part of the Core Services team, I designed and developed a Backend as a Service platform to support the mobile applications developed by the company. The platform, implemented by a set of microservices, provided a integration to external services as well as support functionality like authentication, authorization, analytics and caching.

I led the development of some of the most complex features of the platform such as a decentralised system for environment migrations and On-Premise to Cloud communications through a cluster of Web Sockets.

#DistributedSystems #Microservices #Node.js #Clojure #MongoDB #RabbitMQ #ElasticSearch #Redis #socket.io

Software Engineer, TappedOut.net

Dec 2014 - Mar 2016 · 1 yr 4 mos

Software development for a MTG online community. In addition to the base web application, I implemented a companion Android app and a web-based draft simulator.

#Python #Django #Node.js #Redis #PostgreSQL #Neo4j #socket.io #ElasticSearch #jQuery #Android

Tech Lead, National Geographic (Globant contractor)

Mar 2014 - Dec 2014 · 10 mos

Technical leadership of a team dedicated to develop cross-projects RESTful services. Implementation of an API store using WSO2.

#Python #Django #ElasticSearch #PostgreSQL

Senior Python Developer, National Geographic (Globant contractor)

May 2013 - Mar 2014 · 11 mos

Design and development of the backend for the National Geographic Magazine.

#Python #Django #JavaScript #ElasticSearch #PostgreSQL

Python/Django Developer, Freelance

Jul 2010 - May 2013 · 2 yrs 11 mos

Full stack development of web applications for both local and US-based customers:

- FreeSwitch web controller and real-time call-center management. Deployed to SheevaPlug servers and integrated to USB LCD displays.
- Reverse auctions Facebook app with real-time interface updates. Facebook credits and PayPal integration.
- App Store catalog. Consumption of the Apple's Enterprise Partner Feed (Tables of 60+ millions of records). Caching, database and query optimizations.
- Digital Contracts management web application.
- Professional social network.

#Python #Django #MySQL #PostgreSQL #Solr #Haystack #Celery #RabbitMQ #Apache #nginx #jQuery

Java Developer, Globant

Jan 2008 - Aug 2008 · 8 mos

Development of Enterprise applications.

#Java #Hibernate #Spring #SpringMVC #Struts #MySQL

QA Analyst, Globant

Feb 2007 - Dec 2007 · 11 mos

Testing of web, desktop and mobile applications. Test cases design. Load testing with JMeter.

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