

# Facundo Olano

## Software engineer

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). Over the years, I have published many [open-source projects](#).

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.

## Education

### Software Engineering, Universidad de Buenos Aires

2006 - 2013

## Experience

### Staff Software Engineer, LambdaClass

Jul 2022 - Jan 2023

Distributed Systems, Rust, Elixir, Terraform, AWS, Nomad

As a Staff Engineer I report 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.

### Software Engineer, NextRoll (LambdaClass contractor)

Feb 2018 - Jul 2022

Distributed Systems, Erlang, Python, Elixir, JavaScript, PostgreSQL, AWS, Terraform, Datadog

As part of the RTB (Real-time bidding) team, I worked on feature design and development, maintenance and operation of the bidders and their support systems. These were decade-old systems, deployed to 2000 servers across the world, with high traffic and latency demands. In addition to design and development I worked on infrastructure set up, deploying and monitoring, and handling of production issues and outages.

Some of the work efforts I led at NextRoll:

- Streamline and partially automate the exchange integration setup, a process that went from a couple of months to a couple of weeks.
- Decommission or simplify several legacy pieces of the architecture.
- Automate the production deploy processes, reducing its time from 6 hours to 45 minutes.
- 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.

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