# FEDERICO CAVAZZOLI

Software engineer in the making, with more than 4 years in complex backend projects experience looking forward for new challenges mainly focused in web development, blockchain and machine learning, being these my true passions in software

Buenos Aires - Argentina

Timezone: GMT-3

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fcavazzoli

LinkedIn Profile

## EDUCATION

**Software Engineer**
University of Buenos Aires
2015 - current

**Technical in Electronics**
Instituto La Salle Florida
2009 - 2014
Specialization: Robotics

## TECHNICAL SKILLS

- Ruby (Rails)
- JS (Node.js, React)
- Python (FastAPI, Flask)
- Rust
- SQL (Postgres)
- Cloud (AWS, Firebase)
- CI (CircleCI, Jenkins)
- Docker
- Serverless

## SOFT SKILLS

- Team Player
- Organized
- Motivated

## LANGUAGES

- Spanish (native)
- English (B2)

## WORK EXPERIENCE

### Backend Developer
**Fleek** | March 2022 - Current | Full Remote

- Designed and implemented Web3 solutions for a bridge project
- Implement and deploy AWS serverless lambda functions, SQS and DLQ.
- Have technical discussions with auditors and implement security fixes
- Cross chain features implemented with Solidity, JS and Rust.
- Implement frontend fixes and features using React

### Backend Developer
**Increase** | October 2020 - February 2022 | Full Remote

- Implemented integrations with payment processors such as D-Local, MercadoPago and PayU for application that automates subscriptions payments
- Implemented logging features that allows devs and cx members to diagnose bug reports
- Refactor the entire status management of the application, going from MVP implementation with almost no business rules to a complex event driven status transition

### Backend Developer
**Wolox** | April 2019 - October 2020 | Partially Remote

**Viajeros.com**
- Building an scalable API in Ruby on Rails for a site with 300k active users
- Design and implement complex PostgresSQL tables that retrieves fast results through polymorphic relations
- Social SignUp and SignIn implementation
- Code splitting, refactor monolith as a server-side rendering to a backend API only.

**Essen App**
- Design and implement the Backend Server for IoT app that helps the user to cook with a special cooktop
- Design and Implement Backoffice scalable enough to be capable of create complex IoT integrations for different recipes

**PapaJohns Pizzas (PWA)**
- Answered to bug reports and implement quick fixes for an application with over 5k orders per hour

### Professor
**Instituto La Salle Florida** | March 2015 - March 2019

**Personal Projects**
**Airbnb Clone App:**
- Implemented four microservices that allows a mobile app to publish, search, book and pay for a vacation home. The entire payment system was implemented over Ethereum.

**Data Augmentation:**
- Using mnist data set, I enlarged the dataset x3 using different image tricks and improved the performance of a 3 layers Neuronal Network from .97 to .997