



# Eduardo Julio Culasso

## WEB DEVELOPER

### Details:

San Francisco, Cordoba, Argentina  
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Portfolio - Github - LinkedIn

### EDUCATION:

Expected Graduation 2024

In the fourth year of Systems Engineering, National Technological University San Francisco.

Kiwing IT Labs 2018

- Onboarding course in Node.js, React.js, Redux, JavaScript.

### SKILLS:

Programing languages and frameworks:

- Javascript: Node.js, TypeScript, Express, ReactJS, Vue.js, Next.js, Nuxt.js
- PHP: Laravel, Symfony, Lumen, Slim. Eloquent and Doctrine.

- GO: Chi, Squirrel

Others:

- GNU/Linux.
- Data persistence: MySQL, Postgresql, Redis, Elasticsearch.
- Work queue: Beanstalk
- Message broker: RabbitMQ
- IDEs: JetBrains, VisualStudio Code.
- Architectures: MVC, DDD, ports and adapters
- Git, Github. Gitflow with feature branches.
- Good practices: Tell Don't Ask, SOLID, YAGNI, domain driven design, Gamma design patterns.
- Documentation tools: Websequence Diagrams, Swagger, markdown.

### LANGUAGES:

- English: B2 | Upper intermediate level.
- Spanish: C2 | Native.

### WORK EXPERIENCE:

#### BRUBANK

Digital Bank

August 2021

It is a Argentinian digital bank with more than two million users. I'm working on a new feature for the bank making microservices from scratch in **Golang**. Some of my challenges at this company are:

- Add functionalities and maintain a backffice system developed in **Preact.js**, a light React.js front-end framework.
- Design new **GraphQL** queries, mutations and types to represent all the data that the apps need.
- I made an internal slack-bot to manage **Kubernetes** clusters just for fun. It was only the interface, the **API** was already developed.

#### ROOFTOP DEV LAB

Internal project at Rooftop

Enero 2021 - July 2021

We developed a very first alpha version with bounded behavior. It is composed of three parts: an extension for Google Chrome and two applications where in both we are using **Vue.js** as Frontend technology. In one Vue.js is used as SPA, and the other with isolated components. **PHP** is used as Backend for both.

Technologies: **PHP + Laravel + MySQL + Beanstalkd**.

#### Teen Hire

June 2020 - January 2021

The most ambitious project I have worked on so far. An automatic recruitment tool for companies. It analyzes thousands of profiles and gives you the best ten candidates per day according to the company stack and needs. I really enjoyed taking part in the first steps of Teen.

Technologies: **PHP + Laravel + MySQL + Redis + Beanstalkd**.

This project helped me understand lot of concepts, like managing heavy background jobs, scrap tons of data from different sources or the OODA cycle applied to business data.

Unfortunately we couldn't put into practice most of the ideas we wanted because there wasn't enough time, but we could try some amazing technologies like **Neo4j** and **Elasticsearch** stack.

#### Friscop

February 2020 - June 2020

A landing and a small project similar to Wordpress. I didn't like the result of this system actually. If I had the opportunity I would do it again with major changes. It was a multi-tenant landing system for a marketing company using different JSON documents for each site to fulfill a bunch of templates.

Technologies: **PHP + Laravel + Doctrine + MySQL + Redis**.

## Unilever

December 2019 - February 2020

Unfortunately this project was cancelled before it finished. It was an e-commerce with some particular features like an auction, part of a food write-off management. I developed only the API that the app consumed. It was my first experience implementing cache strategies.

Technologies: **PHP + Laravel + Redis + MySQL**.

## Axion Lift

July 2019 - November 2019

This was a short but really interesting project for a big lift factory in San Francisco, Argentina. I built a solution for keeping updated all the blueprints that the company designed. It was a PHP server which listened when any sketch were updated and sent a notification to the suppliers that makes the pieces. I worked with Google Drive API, its webhooks and balance the amount of emails with a **work queue**.

notifications.

Technologies: **PHP + Laravel + Beanstalkd + MySQL** applying **Webhooks** and a **GoogleAPI**.

## Internal project at Rooftop

March 2019 - July 2019

I designed and developed an experimental tool to an area of Rooftop Dev Labs. Its purpose was to broadcast at several slack workspaces in order to make more devs discover Rooftop.

Technologies: **Node.js** applying WebSockets and consuming a Slack HTTP **API**.

## Jugaad

November 2018 - February 2019

- My trainee project, a simple tool to help a recruitment startup to store and track its candidates. This was my very first experience working at Rooftop Dev Labs.

Technologies: It was developed in **PHP + Laravel + MySQL**

## ROOFTOP ACADEMY

May 2019

- I taught a course introducing basic programming concepts in Python, it was part of a business certification sponsored by Rooftop Academy. The "Knight's tour" was given as the final challenge.

## KIWING IT

July 2018 - November 2018

- I took a onboarding course about JS and web development fundamentals:

- HTTP/S Protocol
- Web sockets
- Tiers and layers
- Basic notion of modern web architectures including: MVC, port and adapters.
- Learned core concepts of javascript with a book serie called "You don't know Javascript".
- **React.js**, I made an application (learning purpose only) consuming a Spotify's **API** to search artists and display its discography.
- **Flux** pattern to manage frontend's global state, it's used in several frameworks like **Redux**, **Mobx** and **Vuex**.