

I believe that teamwork is the most effective approach to solving complex problems.

EZEQUIEL DUFAU

SOFTWARE ENGINEER

CONTACT

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EDUCATION

2010 - 2017
Degree System Analysis
Universidad de Buenos Aires FIUBA

Since March 2019
English Upper Intermediate
Centro universitario de idiomas UBA

2006-2011
Technical in music Piano specility
Conservatorio Sup de música Ciudad de BS. AS.

SKILLS

Nodejs, Microservices.
AWS services: lambda, apigateway, cloudformation, SQS, dynamoDB, RDS, AURORA, docker, kubernetes
Javascript, React.

OTHERS INTEREST

I play piano in Avellaneda Orchestra.

WORK EXPERIENCE

Polemix SINCE 2021

I worked on the **design** and **development** of the 1st web3 platform for ideas and opinions. This platform was designed to exist within the world of Web3. I implemented a **microservices-oriented** solution using **Node.js** and utilized **Kubernetes** and **EKS** to set up a cloud-based cluster. AWS services such as **Apigateway**, **RDS**, **Aurora**, **DynamoDB**, and **VPC** were also employed. Additionally, I developed **smart contracts** in **Solidity** for minting various NFTs and creating a customized royalty system for the platform.

Naranja X 2020-2021

Software Engineer. I worked in the **transactional team**, creating an **asynchronous solution** that allowed managing transactions impacting the company's TOQUE product. The solution was oriented toward **microservices**, using **event queues** and a **BPM** (Business Process Management) tool called **Camunda** to orchestrate the entire transaction lifecycle.
During my involvement, I participated in the **design** and **planning** of various tasks carried out throughout the different quarters of the year.

Banco Comafi AUG 2019-2020

Software Engineer. I work in architecture team. I developed microservices and many different components using AWS services like **function lambda**, **SQS, dynamoDB**, elasticSearch and **NodeJS**

- **Api security component**

This project is about a solution to generate tokens to authorize applications to consume bank services. I developed custom **NPM** component to generate token in Frontend and architecture based in **microservices** usign lambda function, **apigateway** and **Cognito** to resolve the authorization.

- **Interface services bank**

This project is about a solution that expose an interface API Rest to services SOAP. It have session managment and convert json in xml. This project have two version synchronous and asynchronous

- **Bus of events**

This Project let send diferent types of messages to another cloud. I used **SQS services** to handle their processing.

- **Custom Npm libraries**

I develop some components as **NPM Libraries** to resolve common problems. Some components are logger, clients of some solutions, dynamoClient, exceptionHandler and response formatter

WORK EXPERIENCE

Easytech Factory 2018 APR - 2019 SEP

- **TAS**

Self-service terminal is a web application designed an hospital to perform operations. It was developed using **Angular 6** in the frontend and **NodeJS** in the backend. The architecture used was oriented to **microservices**. Other technologies used: jenkins, openshift, elasticsearch.

- **Poll editor**

The poll editor is a **PWA** developed in **React.** It allows generating surveys, with different types of fields. It allows you to temporarily store the surveys made on the device and then upload them to the cloud.

FREELANCE PROJECTS

I work freelance to learn new technologies and take on new challenges

Artisdoc SINCE SEP 2018

Artisdoc is a website designed to manage business documents. It has permission management, roles, ocr. The frontend was developed in **Angular 7** and backend in **java**. This project was made as a freelance work.

Credit risk assessment system

Development a backend in **NodeJS** that allows you to configure some rules and use services such as Veraz and others to determine if the company can grant a credit