



Marc Arbones Tutusaus

PERSONAL INFORMATION

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📅 Date of birth: 14/3/1988
👨 Age: 34
📍 Santiago, Chile

LANGUAGES

🇺🇸 English (Advanced)
🇪🇸 Spanish (native)
ca-ES Catalan (native)

EXPERTISE

- Programming Languages: Javascript, Typescript, Python
- React, Angular
- NodeJS, AWS
- CI/CD pipelines, Docker, Kubernetes
- PostgreSQL, MySQL, DynamoDB.
- TDD, Agile Methodologies.
- Design Patterns in software architecture.
- Mac / Linux / Windows





WORK EXPERIENCE

2017- Present - Leniolabs (Full stack developer - Tech Lead)

Projects in Leniolabs:

2021 - TaxFix

Gave support to different teams in the frontend and the backend for its global expansion to Spain, Netherlands and Switzerland.
The microservices are built with NodeJS, Fastify and Typescript and the frontend in React and React Native.
Used Terraform for automating the infrastructure provisioning for the microservices databases.

2021 - TaxFix

OCR Microservice, built in python. Processes a tax document (in jpg, png or pdf), applying some validations and image transformation with OpenCV before sending the document to AWS Textract to recognize the text from the image or pdf and then extract the tax information from its content.
Integrate the ocr service with another microservice built in NodeJS with Fastify and typescript.

2020 - TriNet

Prototype for the TriNet platform that facilitated the connection between the HR Experts and TriNet users using chatbots(AWS Lex), video calls (AWS Chime), and an internal search engine for their users to find easily specific information and actions that the user can make in their system, using AWS Kendra.





This prototype was built, for the backend, different AWS serverless services like Lambda, DynamoDB, SNS for notifications, Lex (Chat bot), AppSync (GraphQL) as the entrypoint of the users to the backend microservices built with lambdas.
The frontend was built with React and used AWS Amplify for simplifying the connections with some AWS services.

Used cloudformation and CDK for automating the infrastructure provisioning.

2020 - TriNet

Support UI library team in their new design system built with angular 11.
Continuing giving support to the developers, in the background, for specific tasks.

2018 - 2021 EllieMae | ICE Mortgage Technology

I was leading the Leniolabs team in the effort of creating the Design System in EllieMae called DimSum. The UI library was built in React, and Javascript/Typescript.
Storybook, Lerna, Jest.

Helped maintain the different applications that used DimSum.

2017 - Banco Estado:

Custom dashboard for a prototype in a Chilean Bank (Banco Estado), built with Angular 2 in the frontend. In the backend, a data batch processing job using Spark (in scala) that connected a HBASE database and transformed its data into specific materialized views in Postgres for the dashboard.

2020 - Commvault:

Port of its workflow builder, built in Java, to the web using React and GoJS as the diagramming tool.
E2E testing with Cypress





2017 - Commvault:
Worked on their migration to React native for their mobile application.

2017 - Commvault:
Worked on their admin panel built with AngularJS

2013 – 2017 - Freelance
Developed different projects for a client in Spain.
Techstack used:

- Backend: Node + MySQL
- Frontend: Backbonejs, React

EDUCATION

2018 - Present - Computer science degree (pending)

2012 - 2014 Institut Obert de Catalunya (IOC)

Technical Degree, Multiplatform Application Development.