

# Cover Letter

Felipe Ares

Dear Recipient,

I will be moving to Barcelona soon and found the post for Front-End Engineer and thought it would be a good idea to apply. While you will be able to find out more about my developer experience in my CV, I would like to point at the main features I believe I can make a difference in this position:

01. I am a business-driven developer, meaning I always keep in mind our business model, in order to provide the best experience to our users and the most profitability and growth to our company. I have created two small companies from scratch and that has given me the opportunity to really understand the big picture in a tech company.
02. I have 8+ years' experience as a full stack developer, building real world solutions on education, data insights and LegalTech. In this journey I forced myself to always improve my technical and theoretical skills and also to keep in line with the latest technologies, frameworks, libraries and design patterns. I am also fluent in english.
03. I love to code, is my profession and my hobby. As an example of this, whenever I have some spare time, I like to build some small projects just for the fun of it. You can see my projects on [felipeares.github.io](https://felipeares.github.io)
04. I am moving to Barcelona because I am looking to learn, work and thrive in a bigger tech scene (I have an EU Passport). I am looking forward to work for a company with a large user base, with focus on user experience/design and with the possibility to work with a team of good and motivated developers.

Sincerely,

Felipe Ares

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*Business driven developer with 8+ years' experience building real world solutions on education, data insights and legaltech. I am an energetic and result driven professional seeking to work on an enthusiastic development team.*

## Education

### Industrial Engineer - Universidad de Chile

Graduated top of class. Complemented the BS with Math Engineer courses.

### Big Data & ML Diploma - Pontificia Universidad Católica de Chile

Big Data & Machine Learning Diploma. Graduated first of class.

## Worked With

### Front End

</> RxJS Javascript/Typescript </> Angular [2,4] </> ReactJS </> Ionic2 </> JQuery </> D3.js </> CSS3 </> Webpack

### Back End

</> PHP MVC </> Express - NodeJS </> Flask - Python </> Serverless AWS Lambda - Python/nodeJS </> Firebase - Cloud Functions on nodeJS </> SQL - MySQL, PostgreSQL </> NoSQL - MongoDB, DynamoDB

### Cloud Services

</> AWS - S3, EC2, Lambda, DynamoDB, CloudFront, Route53, RDS, IAM </> Monolithic on Linux Server - GoDaddy, BlueHost, HostGator </> GCP - Firebase Hosting </> Docker

## Developer Experience

### Legalbot

2018 - 2019

Legalbot is a web app for the automation of contract revision and verification.

**BackEnd:** NodeJS, Python on Serverless Infrastructure - DynamoDB - S3

**FrontEnd:** Angular 4. The main complexity was to build a contract revision management system with the ability to search and highlight special paragraphs on a PDF text and display the results to the user in an easy to use and intuitive interface.

### Datasalmon

2017 - 2018

Datasalmon (datasalmon.com) is a IOS/Android app with the Most UP-TO-DATE information available of the Chilean Salmon Industry.

**BackEnd:** PHP - MySQL

**FrontEnd:** Hybrid Mobile App with Ionic2 for payed users and JQuery/Ajax + Bootstrap for admin purpose.

### TGA

2017

TGA is a propTech startup providing Business/Comercial solutions to the industry.

**BackEnd:** NodeJS (Express) - MongoDB

**FrontEnd:** Visualizations built on D3.js. The task was to build an interactive visualization displaying user's interactions and evolution across the platform.

### Humind

2012 - 2017

Humind is an online interactive video learning platform which today serves more than 3.000 users.

**BackEnd:** PHP - PostgreSQL

**FrontEnd:** It evolved with time from plain (HTML5 + JQuery/AJAX + CSS3) to an AngularJS + Bootstrap, to an Angular2. The main complexity was to build an interactive module capable of testing/questioning the users within the video player and keep track of progress online and offline.

## Business & Consulting

### Innspiral - Innovation Consulting Firm

2010

### The Boston Consulting Group

2009

## Hobby & Volunteer

Enseña Chile 2015-2016. Science school teacher (Chile's Teach for America)

Code Art Diploma - Universidad del Desarrollo 2013

All my hobby projects in <https://felipeares.github.io>