What to Include?

There are a few basic things every portfolio site must have:

your name and picture

a little bit about who you are

Jessica Sena

Computer Engineer + Postgraduate course in UX Design

Web developer (front-end and back-end).

Mobile developer (Hybrid Apps and Android Native Apps).

GIS developer

Since 2013 I have been part of *Geostart*, the innovation group of the *Institut Cartogràfic i Geològic de Catalunya*. My work there includes the development of prototypes and the research of new technologies, as well as the design and development of **mobile applications** and **web applications** (**front-end** and **back-end**). *A més, com a part de Geostart he adquirit un ampli coneixement de geotecnologies, treballant com a* ***gis developer****.*

This background gives me a very versatile profile and the ability to deal with many different technologies, although lately I have been mainly focused on the mobile scope, being in charge of several applications development projects.

Recently interested in the User Experience world, I have finished a postgraduate course in User Experience Design, aiming to expand my overall vision of the whole development process of a technological product, and complementing my knowledge as a developer, giving it an extra value to the work I do in the projects in which I participate.

recent work

INSTAMAPS:

I’ve worked widely as a front-end and back-en developer in the project InstaMaps.cat, an online web platform to create maps with your own data.

Right now, the platform has about 9,000 users that have created more than 35,000 maps.

Technologies used:

Front-end: Javasecipt + JQuery + Bootstrap and Leaflet.js.

Back-end: Java + Struts + Hibernate and a PostGIS Database

Catalunya Offline

I’ve fully developed Catalunya Offline, a mobile app available for Android and IOS, that allows people download the Catalan cartography in their devices and use it in offline mode. Some of the functionalities are: locate you on the map, save waypoints and tracks and add pictures and data to them, load files with external geographical data, and connect all this information with the Instamaps.cat platform.

Catalunya Offline is an hybrid app developed with the Ionic Framework, and so, it also uses Cordova and Angular.

In the initial version of the app, the mapping functions where developed with Leaflet.js but now, it’s been refactorized to use Mapbox GL + WebGL technology, to take advantage of the Vector Tiles system.

For this purpose, I have developed some interesting new features for the library, in order to make it possible to use it in an offline mode. Basically, I have just added new VectorTile Offline Sources and new Raster Offline Sources. Take a look HERE.

MAPICC

I fully developed MapICC, an app to visualize and interact with the Catalan cartography with some nice functionalities like locate you on the map, load your own tracks files, or find places in the map. MapICC was developed as an android native application.

Ull del temps

Development of the app, ULL del Temps, and hybrid application based in Ionic Framework and Angular Leaflet.

OnSóc

A hybrid App that allows the users to share their locations between them throw different social networks. Also based in Ionic framework and Angular-Leaflet.js

your skills

Very comfortable developing JavaScript large applications. Good knowledge about HTML5 and CSS3/SASS.

Wide experience developing hybrid apps. Until now I’ve been working mainly with the Ionic Framework. But lately I’m moving to React Native + Redux. Actually, right now, I’m working in a new project, developing an app using these technologies.

Good knowledge of the geo scope: I’ve worked extensively with the Leaflet.js framework and more recently I’ve started to work with the MapboxGL framework too. In fact, I’ve just developed some interesting new features for this library to make possible using it in an offline mode (as I have explained HERE).

Not afraid about learning and discover new frameworks and technologies. Actually, I really enjoy doing it! That’s why I always try to make my best to improve my skills, assisting as many conferences, meetups, etc. related with technology as I can, as well as doing courses or reading interesting books and articles.

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A més: blablalbla

contact:

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Properament…

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FOUNDATION TEMPLATE