europass Curriculum vitae

PERSONAL INFORMATION	**Javier Morales Fernández**

📍 08016 Barcelona (Spain)

📱 0034610586871

✉️ javi@moralesf.com

🌐 http://moralesf.com

💬 Twitter @javi_moralesf

PREFERRED JOB	Senior Software Developer

WORK EXPERIENCE	

May 2015–Present	**Senior JavaScript Developer**

Ofertia

New Ofertia web

TypeScript + React

We are renewing the web from scratch, page per page, using a completely new technology and architecture. SOA based application, TypeScript, React.js, isomorphic React (SEO is important!), performance oriented, scalability oriented, deployed on Dockers and managed by Kubernetes.

Technologies:

- TypeScript (Advanced)
- Isomorphic React.js (Advanced)
- Redux (advanced)
- Jest (Advanced)
- JavaScript, ES6 (Expert)
- Webpack (Expert)

Clients:

. Big traffic website

Ofertia Visualizer

ES6 App

A fully responsive application to visualize our clients brochures inside the ofertia main webpage, and also it's exported as a library to let our clients integrate it in their own webpage by simply loading a js + a little configuration object.

Technologies:

- JavaScript, ES6 (Expert)
- JavaScript testing suite (Karma + mocha + sinon + chai + webdriver.io)

Clients

. Ofertia website

. La Sirena

. ALdi

. Vodafone

. ... (International clients)

Ofertia analytics

Single Page Application

Analyze and develop the analytics software of Ofertia.com, an SPA where the Ofertia clients can see all the information about brochures, alerts, geolocalized data, ... represented in tables, charts, and

maps on a simple and intuitive web interface, adaptable to customer's field of business.

The system supports data export, comparison, filters and much more.

Technologies:

- JavaScript (Expert)
- Chart.Js (Expert)
- JavaScript testing suite (Karma + Jasmine)
- Backbone (Advanced)

Clients:

. DIA

. El Corte Inglés

. Hipercor

. ...

Ofertia web

GSP web application + JS

Maintain refactor and evolve the main product of Ofertia, a place where you can search offers, review brochures and stay up-to-date about all new products announced on each brochure of your city.
Technologies:

- GSP (Expert)
- JavaScript, ES6 (Expert)
- AMP (Advanced)

Clients:

. Big traffic website

Oct 2010–Mar 2015	**Senior Software Developer**

Focus On Emotions

In-house Framework & CMS + Content Distribution Ecosystem

Content Management System

Analyze and develop the main software of Focus On Emotions, a Digital Signage CMS.

Operational through service use in the network via a simple and intuitive web interface, adaptable to customer's field of business.

The system supports all types of formats: video, flash, images, power point, pdf, streaming, RSS feed real-time information.

A modular and scalable application, with centralised management and server browser with no need to access through a local application.

The tool enables you to target campaigns and messages by area, division, characteristics at the point of sale or service, etc.

CDE

Analyze and develop all the ecosystem that involves the process between the client schedules content on the CMS to the content is downloaded on each client device.

Each part of the ecosystem works as an independent service that can communicate with other services.

All content comes from a balanced CDN designed and build by us.

Technologies:

- PHP 5.5 CLI (Certified)
- - PHP Unit (Expert)
- - MySQL (Expert)
- - JavaScript (Expert)

Clients

. Orange
. Sodexo
. ThyssenKrupp
. Discovery HUB Barcelona
. Endesa
. Merck
. FinConsum
. Nobel Biocare
. Labco
. Ajuntament de Barcelona
. Fira Barcelona
. Abba hotels
. Unilever
. Caja de ingenieros
. PYME

HTML5 Player / Template Builder

Description

Analyze and develop an HTML5 canvas player for a low budget hardware.

The system supports the following elements: video, sprite, sprite sheet, text, , audio, layers, content validation and expiration, streaming and RSS feed real-time information.

Technologies and expertise

- HTML5 Canvas (Expert)

- JavaScript (Expert)

- JavaScript testing suite (Karma + Mocha + Chai)

- Node.js (Advanced)

Clients

. ThyssenKrupp

Queue + Analytics + Report System

Description

Develop a queue system to manage orders, group analytics and export reports to PDF.

The information is propagated by web-sockets.

Technologies and expertise

- AngularJS (Expert)

- Node.js (Advanced)

- PhantomJS (Advanced)

Clients

. IKEA L'Hospitalet

Android player + E-Ticket CMS + Content Distribution Ecosystem

First Android Digital Signage platform in Spain

Android Description

Develop a set of all necessary applications to automatically platforming devices, reproduce contents, gesture detection, schedule actions, synchronise device contents, and upload reports and screenshots to the server.

CMS Description

Analyze and develop a modern, scalable and test-friendly CMS (AngularJS Client + PHP REST API)

CDE Description

Analyze and develop all the ecosystem that involves the process between the client schedules content on the CMS to the content is downloaded on each client device.

Each part of the ecosystem works as an independent service that can communicate with other services.

All content comes from a balanced CDN designed and build by us.

Technologies and expertise

- AngularJS (Expert)

- Android (Advanced)

- Phonegap (Cordova distribution) + custom plugins

- Android OS (Advanced)

- PowerShell + adb (Advanced)

- PHP 5.5 **OOP** (Zend Certified Engineer)

- PHP 5.5 CLI (Certified)

- PHP testing suite (PHPUnit + Behat)

- JavaScript testing suite (Karma + Jasmine)

Clients

. Orange

Maintenance of external CMS

Description

Maintain a Drupal CMS.

Clients

. El Corte Inglés

. iN-Store Media

Internal software

- Vagrant images

- Puppet scripts

. Provisioning scripts for the development virtual machines

- Auto-check-in app for Android

. This app record our times when we come and go from the office, looking for our office WiFi SSID.

Clients

. Focus On Emotions

| Jan 2010–Jul 2010 | Web Developer |

Centre d'Investigació i Desenvolupament "Josep Pascual Vila" (CID)

Internship Web Development. Worked on an intranet webapp for inventory purposes.

Reported to: Systems Analyst

Technologies:

- jQuery

- CSS

- HTML

- PHP

- Apache2

- LDAP

- MySQL

| Nov 2008–Aug 2009 | **Systems Administrator** |
| | Sistema d'Emergències Mèdiques (SEM) |

Internship

Reported to: IT Manager

- Workstation maintenance
- Server maintenance
- Backups

Technologies:

- MySQL
- Oracle
- VMWare Server

EDUCATION AND TRAINING

| 2011–2012 | **Software Engineering** |
| | Universitat Oberta de Catalunya |

| 2009–2010 | **CFGS, Software Developer** |
| | I.E.S. Provençana |

| 2007–2009 | **CFGS, Systems Administrator** |
| | Centre d'Estudis Politécnics |

PERSONAL SKILLS

Mother tongue(s)   Spanish, Catalan

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English				
B2	C1	B1	B2	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

- Public speaking. I've spoken at local User Groups

Organisational / managerial skills

- I'm organizer at Betabeers Barcelona (http://betabeers.com, @betabeersBCN)

- Managed the selection process for new developers at Focus On Emotions and Ofertia.

- Lead a small team of two developers.

- Develop software and games (Java, PHP, C++, and js), by my own and small teams.

Job-related skills   JavaScript, Java, HTML 5, ES6, Node.js, Android, MySQL, Git, CSS, AngularJS, ReactJs, Vue.js, PHP, Backbone, Behat, Jasmine, Mocha, Web Development, jQuery, Java, GSP, CMS, XHTML, XML, REST, Web Applications, PHPUnit, JSON, Apache, AJAX, NFC, Debian, APC, Memcached, Jenkins, Subversion, NoSQL, Linux, Windows, OSX, SaaS, Continuous Integration, SQLite, Apache, Nginx, MVC, Software Design Patterns, SOAP, Digital Signage

Digital skills	- Windows, Linux, OSX
	- DevOps

Driving licence	AM, A1, A2, B

ADDITIONAL INFORMATION

Certificaciones

- ■ **Zend PHP 5.5 Certified Engineer**
- ■ **NFC Bootcamp**

Projects

PLBT | Experiment

An educational experiment to build a SPA using vue.js + Server side rendering

https://plbt.io/

AudioCanvas | Experiment

An educational experiment to play and improve knowledge about Web Audio API and HTML5 Canvas. Just press any keyboard character to start playing an audio representation. To stop all sounds, press spacebar.

http://audiocanvas.moralesf.com/

BeSniper Camera

Augmented reality app/game where you will use your device gun camera as a sniper sight to shoot your cans, bottles or... friends!. After the shoot, you will have a nice picture to remember or share your perfect shoot and be proud of your sniper pulse.

Be Sniper Camera on Play store

Karmapp

Become the karma judge for the famous people and your frinds!

Karmapp on Play store

Masquerade

Android app to talk with these people you want to start talking, but you are not interested on share your mobile phone or Facebook profile.

Masquerade Chat on Play store

Ahogados

Casual Online 2D Game written in C++ (Cocos2d-x) + PHP 5.4 backend. My first incursion in mobile game development. The main goal was to get eperience developing crossplatform mobile games.

12 meses 12 apps | 12 months, 12 apps

A challange to develop and deploy one Android application every month.

This is an educational project and the main goal is improve our Android development experience and motivate other local developers to participate in this challenge.

Conferences

May 2014 | Barcelona Android User Group | Google Cloud Messaging

Using GCM push notifications on a Digital Signage project. Wrote a small Android client from scratch.

Event: http://www.meetup.com/Barcelona-Android-User-Group/events/179986302/

Slides: http://www.slideshare.net/javi_moralesf/baug-gcm-34666386

References

Orestes Carracedo | Tech Lead, Full-Stack *Sofware Consultant*

Javier is one of the building blocks of the Software Development team. He's a really talented and professional developer and we've succeeded together through the years in a ton of projects. He's always looking for areas of improvement, something every modern developer should do. I simply

cannot overstate how valuable of a team member he is.

Dimas Lopez Zurita | *Senior Frontend Developer at Stuart App*

Javier is a great mate for work, full stack developer and he not fear a new challenge. In my experience with him, we work on different projects with PHP, Android and Javascript (pure and AngularJS). Is a very professional and has a big preoccupation for a efficient code, tested and improving performance of projects.

Courses	Learning about blockchain technology