

<Pablo Molina/>

Personal information

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Summary

I am a passionate developer who always aims for getting more knowledge, besides one of those who consider programming both a job and a hobby. As **GNU/Linux** enthusiast and **Raspberry Pi** owner, I like experimenting with cutting edge technologies like the ECMAScript 2016 standard, and I am never afraid of starting a project from scratch.

While I am producing code every detail is important: I like keeping my source code beautiful and easy to read, and I learn and apply **design patterns** and **software development processes** as often as I can.

I love programming languages that force a concrete style: like **Python**, **Ruby** and **CoffeeScript**. The last one is my favourite one, but always understanding which is the final **JavaScript** that is going to be used.

Technical profile

JavaScript

- Use of NodeJS for server side development (**Yeoman**, **Gulp**, **Grunt**, **ExpressJS**, **Electron**, **Webpack**)
- Deep understanding of **jQuery**, **jQuery UI** and when you should/shouldn't use them, as other utility libraries like **Underscore** or **Lodash**
- Component based structuring of a web application using **React** and **Redux**
- Usage of multiple UI Frameworks like **Bootstrap**, **Material UI** and **UIKit**
- Usage of MVC Frameworks for development: **AngularJS**, **Backbone.js**, **Backbone.Marionette**
- Creation of interfaces with plain CSS
- Deep understanding of the **HTML-CSS-Javascript** separation
- Development with **CSS** preprocessors (**LESS**, **SASS**)
- Creation of **web components** understanding the **Shadow DOM** and how it should be used
- Unit testing with **Mocha** and **Chai**

Versioning

- **Git** (including collaboration with other developers)
- Usage of **Github** and **Gitlab**

Edition

- IDEs: **cloud9**, **Netbeans**, **Eclipse** (and Aptana), **Webstorm** (and other IntelliJ based IDEs)
- Editors: **Sublime Text**, **Atom**, **VIM**, **Notepad++**, **nano**
- Graphic design: **Blender**, **GIMP**, **Inkscape**, **Pencil**

Operating Systems

- **Mac OS X**
- **Windows 98/XP/7/8/10**
- **Ubuntu** (and lots of it's flavours), **Archlinux**, **CentOS**, **Debian**, **OpenSuse**, **Asterisk** y muchos otros

Server

- Setup of **Jenkins** with **Gitlab** for **Continuous Integration**
- Virtual Machine Generation using **Vagrant** and **Ansible**
- **Django** and **Codeigniter** for server development
- **Oracle** and **MySQL** database administration
- **Wordpress** setup and theme creation
- Setup of **CentOS** server with load balancer using **piranha**
- Creation of a **VoIP server** using **Asterisk** inside a **Raspberry Pi**

Education

BSc Computer Science Engineering at University of Jaen (Spain) (2:1)

- **Metaheuristics** (90%)
- **Multimedia Systems** (91%)
- **Web Based Technologies** (98%)
- **Multimedia Application Protocols** (90%)
- **Semantic Web** (91%)
- Currently developing my final degree project

Extra education

- Attendance to **JavaScript Meetups** in London
- Complete **Git** course at KeepCoding
- Multiple courses and books for **web development** (*Oreily's Books, CSS Secrets, Codeschools' courses...*)

Experience

Lead Front-End Developer at MedLab Media Group

- **Term:** June 2016 - Currently working
- **Place:** Madrid, Madrid, España
- Webapp development with **React** and **Redux**
- Learning of **ECMAScript's** 2015 and 2016 syntax
- Use of the **WebStorm** IDE
- Project compilation with **Webpack 2**
- Functional programming practice with **map**, **reduce** and **ImmutableJS**

Lead developer in Yottacode

- **Term:** April 2016 - June 2016
- **Place:** Jaen, Jaen, Spain
- **Android** development using **websockets** for server communication
- RestFul server development using **websockets in NodeJS**, working with the framework **sailsjs**
- JavaScript application development with **angularjs** (1.0) with server synchronization via **websockets**

Researcher Intern at Fujitsu Laboratories of Europe

- **Term:** September 2015 - January 2016
- **Place:** Fujitsu Laboratories of Europe (Hayes, Middlesex, London)
- **Python** software development, testing with **Nosetest** and dependency management with **Setuptools**
- Creation of a REST API using **Flask**
- **Java** software development, testing and dependency management with **Maven**
- Development using **Semantic Web** related technologies
- **BabelJS** for web applications
- Investigation about **Spark**

Developer with Talentum Internship at Telefonica

- **Term:** June - September 2015
- **Place:** University of Jaen
- Creation of an Interactive Video CV Platform using **Django** and **JavaScript**
- Interaction with **XING API**
- Server-side administration using **Django**
- Webapp generation using **Grunt**
- **CoffeeScript** for full interface development
- **Bootstrap** and **Bootstrap** theme with **LESS** for interface creation
- **Project demo:** youtu.be/RBUBib8lIR8

Languages

- **Spanish:** Native language
- **English:** Fluent speaking certified by First Certificate of English by Cambridge (B2 level) with experience working at United Kingdom (September 2015 - January 2016)

Extra information

Winner of Fujitsu Linked Open Data Challenge Spain 2015

I presented along with my professor Arturo Montejo documentation at the Financial Sector Category about how to develop a system that would allow banks you enhance their data using semantic web. Full article (English and Spanish) can be read here:

drive.google.com/file/d/0By5_U28EwAT0NVRCNHppcXA3Nnc