CURRICULUM VITAE

[github] [versión en castellano]

Javier García Parra

Residencia: Bustarviejo, Madrid

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Nacimiento: 24/02/1978, Madrid

Artisan Web and Mobile programmer.

Technical skills

Expert

slim, php, composer, angular, npm, karma, material.angular, bootstrap soap, git, phpunit, json, java, ubuntu, linux mint, debian, html5, canvas, ajax, postgresql, mysql, intellij, javascript, karma, jasmine, android, ssh, bash, ionic, matlab, octave

Known

wordpress, centos, protractor, r, sqlite, windows, osx, ios, rs232, rs485, rs422, ethernet, hmi, doppler, lidar, codar, hf, vhf, radar

Experience

- Web app used to generate product catalog and technical sheets for marketing departament: client side is developed with Angular 7 and server side is API REST PHP with slim, MySQL, integrated with SAP. *2019 - Mantequerias Arias*

- Web app to manage marketing operations: client side is developed with Angular 7 y la parte servidor es una API REST with [slim](), MySQL, integrated with SAP. *2018 - [Mantequerias Arias]()*
- Web site [Milkana](). Made with Bootstrap 4, Javascript, HTML *2018 - [Mantequerias Arias]()*
- Web security management in Mantequerias Arias (Grupo Savencia). *Since 2019 - [Mantequerias Arias]()*
- Android app to control factory access, reading ID cards with OCR. Android 7 con [ML-KIT de Firebase](). *2018 - [Mantequerias Arias]()*
- Migration to Android of system used to read barcodes GS1-128 and manage manufactured products at shipping a picking stage, integrated with [SAP]() using SOAP from PHP. Android 7 running on handheld barcode scanners. *2018 - [Mantequerias Arias]()*
- App for english vocabulary learning through objects identification. Android 6, MLKit Firebase. [WITH](). *2018 - Haicku*
- Library to easily use [D3]() trees in Angular, available as [npm package](). *2018 - Haicku*
- Web app used to solve math equations in learning envirionments based on [Wiris](). Realizada en Angular 2 *2016-[Anaya Educación]()*
- Distribution package and customer support of [Haleo App](). Symphony, PHP. *2017- [Bruño]()*
- [Clinic online reservations system](). Realizada en Angular, PHP, [slim](), MySQL. *2015 - [Clinica Dolor Orofacial]()*
- Chat and contacts app. Made with [Ionic]() and distributed inside company employees in [Appaloosa]() for Android, iOS and PWA. Ionic 3 and 4, REST API with PHP, [slim](), MySQL. *2016 - [Mantequerias Arias]()*
- [Clinic online reservations system](). PHP, HTML, Javascript, MySQL. *2015 - [Clinica Dolor Orofacial]()*
- Factory warning system using push notifications. Made with [Ionic]() and distribuited in [Appaloosa]() for Android, iOS and PWA. REST API programmed with PHP, [slim](), MySQL. *2016 - [Mantequerias Arias]()*
- System used to read barcodes GS1-128 and manage manufactured products at shipping a picking stage, integrated with [SAP](), mediante comunicaciones SOAP desde PHP. Client side is developed in angularjs y en el servidor una API REST en [slim](). *2015 - [Mantequerias Arias]()*
- Exam generator: migration from old system, automatization of word documents parsing and word document generation. This tool has more than 1500 daily users in Spain. PHP con [slim](), MySQL, PHPWord, PHPDocx, Libreoffice. *Since 2015 - [Anaya Educación]().*

- [PhET](#) Interactive simulations : translations and content adaptation. *Javascrip, GULP 2014-Anaya Educación*
- [Simple Armonic Movement Simulation](#). Javascript, HTML, [Three](#). *2013-Anaya Educación*
- CD content generator, custom development to automatize CD generation. PHP, Ajax, Json, RPC, Javascript, JQuery, HTML, CSS. *2014 - Anaya Educación*
- Physics interactive activities generator. PHP, Ajax, Json, RPC, Javascript, JQuery, HTML, CSS. *2014 - Anaya Educación*
- Interactive activities generator. PHP, Javascript, JQuery, HTML, CSS. *2014 - Anaya Educación*
- [DC circuits simulator](#). *2011 - Anaya Educación*
- Interactive math activities. Javascript, JQuery, HTML, CSS. *2011 - Anaya Educación*
- Accounting software developemnt [open source](#) *2010 - Cooperativa Los Apisquillos*
- [GPS livestock tracking system](#) and [Android apk](#), code available in [github](#) . *2010 - Cooperativa Los Apisquillos*
- Migration to GWT of QRMS - Qualitas Remote Monitoring System. Developed with [GWT](#), Java, Tomcat. *2009 - Qualitas Instruments*
- Real time Oceanophayc data system. Nowadays is public government system [Portus](#) which belongs to [Puertos del Estado](#) Java, Matlab, Mysql, GWT. *2007 - Qualitas Instruments*
- Sistema de monitorización en tiempo real de datos hidrológicos (QRMS - Qualitas Remote Monitoring System). Realizado en PHP, Html, Css, Javascript. *2005 - Qualitas Instruments*
- Sensor data transmision device (QAP - Qualitas Acces Point). Running on [Siemens TC65](#) using [J2ME](#). *2005 - Qualitas Instruments*
- Oceanic surface currents monitoring web. PHP. *2005 - Qualitas Instruments*
- Reservoir level monitoring system, based on [Lidar](#). PLC [Unitronics][unironics] *2005 - Qualitas Instruments*
- Real time monitoring of [estuary flow](#), first european system. Simulations in Matlab and data provided by [Sontek sensors](#). PLC [Unitronics][unironics]. *2005 - Qualitas Instruments*
- Real time monitoring system for rivers, based on [Sontek sensors](#), integrated in spanish government network [SAIHS](#). *2003 - Qualitas Instruments*
- Irrigation control system. PLC [Unitronics][unironics]. *2003 - Qualitas Instruments*

Radar Field Engineer-*Qualitas Remos-Codar* (2004-2009)

osx, codar, hfradar, ethernet, bragg, matlab

Being the first company installing Codar HF Radar in Spain, as pioners of a key technology to measure ocean current fields, was really exciting. Thanks to the effort make by our team, the company has grown to the leadership in this technology for most of europe, portugal and morocco. The job included strong relations with the company at California, training at the factory and an special combination of researching and engineering.

Courses/Conferences

Estuary real time flow measurement. Southampton 2006, Barcelona 2007 Doppler sensors fundamental. Universidad de Valladolid 2009 M2M communications: theory and practice- ETSI Caminos, Canales y Puertos, Madrid 2012

MySQL introduction - Grupo Loyal, Madrid 2013 Ionic and Angular introduction - Mantequerias Arias, Madrid 2018

Education

Agronomic Engineer-*UPM ETSIA* (1996-2003)

Special honors in biochemistry and economics.

Mobile Web1: Best Practices - W3DevCampus

Exciting course to consolidate the basis for mobile web design.

Public profiles

- StackOverflow
- Github
- Linkedin