

JON DE ANDRES FRIAS

PERSONAL INFORMATION

Born in Vitoria-Gasteiz, 22 January 1984

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GOAL

I like to code and to be near people, coders or not, to learn from. One of the most important thing in a job for me is the team and i'd like to find that team to work with. Code and design software architectures is what i like and i hope to find an interesting project to do this.

WORK EXPERIENCE

- Wuaki.tv* 2012–Present Software Engineer, WUAKI.TV — Barcelona
- Wuaki.tv offers a video on demand service with movies and tv shows. I work in the backend department as ruby developer and i'm the tech lead of one of the development teams.
- In the backend department we work with Ruby on Rails and Sinatra as web frameworks. Most of the applications are written using Rails but we developed a independent user service using Sinatra.
- I was one of the members of the team that developed the project to launch Wuaki.tv in UK, and the mentioned user service was one of the most important pieces in this project. A very critical task in the project was the integration with play.com (Play.com). Play.com users are now able to sign-in in Wuaki.tv UK with their Play.com credentials and all their data is synced
- The team i'm leading is developing a project with Grape (similar to Sinatra), RabbitMQ and Riak to offer an asynchronous and common payment gateway for the different applications, platforms and countries we support.
- Other technologies we use are Redis, MySQL, Capistrano, Janky, Jenkins, New Relic and Errbit(Airbrake).
<http://es.wuaki.tv>
- Gnuine* 2011–2012 Software Engineer, GNUINE — Barcelona
- Gnuine it's a company in Barcelona that develops project for third party companies. Gnuine develops its own web framework, Ubiquo, on top of Ruby on Rails and most of the developments are done with this framework.
- In these projects usually we developed the backend with ruby and most part of the javascript development in the frontend. At the end of my time in Gnuine i was lead project developer and projects manager. The most important projects i worked for are:
- FC Barcelona. I developed some parts of the Ajax widgets for this projects, like photo or video galleries. Also i made some changes in the company framework, Ubiquo, to fit the project requeriments. <http://fcbarcelona.com>
 - xiptv. This was a video on demand project for regional televisions. Basically we developed a Rails application that offers the different videos for each program in all the televisions of the autonomic group. The interesting part

was the encoding and processing (ffmpeg) of the master videos we received so different platforms, web and mobile, could watch them.

<http://www.xiptv.cat/>

- La Vanguardia, elecciones Municipales 2011. This project was enterily written with Ruby (No Rails) and Javascript, without really a server application. This solution was really cool having all the site pre-generated and cached in cloudfront. <http://resultados-elecciones-2011.lavanguardia.com/>
- lainformacion.com. Elecciones Municipales y Autonmicas 2011. This is more or less the same project that we wrote for La Vanguardia but with different markup and some interesting features like the embedding of lainformacion.com's widgets. <http://elecciones.lainformacion.com/>
- Comradio. I was the lead developer for this project that was really a big project of five application, private and public ones. The more interesting part of the project was the encoding and processing of the radio stream to generate the different tracks for each radio program just after they finished. <http://www.laxarxa.com/>

<http://gnuine.com>

<http://github.com/gnuine/ubiquo>

2010 – 2010 Web developer, TOOLKOM — Vitoria-Gasteiz

Toolkom

In Toolkom we developed small web projects for third party companies. The technologies we used were Sinatra, Wordpress and Joomla. Depending on the customizations the client required we choose one technology or other. In many projects we modified some CMSs' to fit the client requeriments. The most important project we developed was the frontend for Gara newspaper web site, <http://www.naiz.info/>
<http://toolkom.com/>

2007 – 2009 Research Engineer Fellow, UNIVERTSITY OF THE
BASQUE COUNTRY — Bilbao

*Univertsity of the
Basque Country*

In the telecommunications researching group i researched about traffic packages capturing in multiprocessors systems using Linux. We analyzed the performance of traffic processing in kernel space and in user space. For this we developed a processing system in kernel space attached to the capturing system in Linux, NAPI. The main objeive of this was the QoS monitoring of traffic in high speed networks.

2006 – 2007 System and Software Developing Fellow, SYSTEM
STEIN HEURTEY — Bilbao

*System Stein
Heurtey*

As fellow in this company i managed a couple of Solaris systems and helped the employees compiling and modifying some Fortran applications the company used for mathematic calcs.

2005 – 2006 Web developer, UNIVERTSITY OF BASQUE COUNTRY
— Bilbao

*Univertsity of
Basque Country*

During two years i was the developer of the website of the engineering campus in the Univertsity of the Basque Country. I used ASP.net and PHP for the development.

FREE SOFTWARE CONTRIBUTIONS

KDE desktop environment

KDE

I wrote some patches in C++ for KOffice, the KDE office suite. I also wrote other patches for the Plasma desktop. I was member of KDE Spain until 2011. I gave a talk for other KDE developers and users in the iParty X in Castellon.

Wormux

Wormux

Wormux is the free port of the mythic game, Worms. I wrote the chat for the

network mode so the users could chat between them during the game. This development was made with C++ and de SDL graphical libraries.

EDUCATION

<i>Telecomunications Engenieer. 2nd degree</i>	<i>2007-Present</i>	Univertsity of the Basque Country (EHU), Bilbao
		Speciality in computer networks
<i>Telecomunications Engenieer, 1st degree</i>	<i>2002-2006</i>	Univertsity of the Basque Country (EHU), Bilbao
		Speciality in computer networks

PROGRAMMING LANGUAGES

<i>Actually</i>	RUBY, JAVASCRIPT
<i>Learning</i>	COMMON LISP, CLOJURE
<i>Others in the past</i>	C, C++

COMPUTER SKILLS

<i>Web Frameworks</i>	RUBY ON RAILS, SINATRA, COMPOJURE
<i>Testing Frameworks</i>	CAPYBARA, RSPEC, TESTUNIT
<i>Relational Databases</i>	MYSQL, POSTGRES
<i>NoSQL Databases</i>	REDIS, RIAK
<i>OS</i>	ARCH LINUX
<i>Source Control</i>	GIT, BAZAAR, SVN
<i>Editors</i>	EMACS
<i>Amazon Services</i>	CLOUDFRONT, S3, AWS, RDS
<i>Other</i>	RABBITMQ, NEWRELIC, AIRBRAKE/ERRBIT, JANKY & JENKINS, CAPISTRANO

ADDITIONAL INFORMATION

<i>Languages</i>	ENGLISH · Fluent reading, medium in conversation
	SPANISH · Mother tongue
<i>Interests</i>	Music · Guitar · Piano · Ukelele · Play with new technologies · Food

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