

Profile

Computer Engineer with working experience as back-end engineer and system administrator. Organized, methodical and pragmatic person that aims to solve problems in the simplest and most elegant manner. Highly motivated, with a passion for learning and looking for a next professional challenge in which I can grow my current skills and learn new ones.

Experience

Back-end engineer

December 2012 - Present | Tenfox, Zaragoza

Taloki

A multi-language real state portal offering more than 50.000 properties. In this project I was responsible of:

- Designing the application's architecture.
- Designing and implementing a feed system to let clients upload their property listings.
- Implementing a geolocation service for the properties.
- Designing and implementing a sitemap generation program responsive to SEO requirements.
- Implementing an image uploading system.

The World Lottery

The successor of <http://www.elgordo.com>, the biggest online lottery seller in Spain. In this project I was in charge of:

- Designing the application's architecture.
- Implementing an optical character recognition system to scan lottery tickets.
- Implementing the prizing program for all lotto games.
- Designing and implementating an email system to handle all communications (commercial and non-commercial) with our clients.

System administrator

December 2012 - Present | Tenfox, Zaragoza

My responsibilities in this role included:

- Creating the development-related infrastructure of the company both at the office (web and database servers) and in the cloud (code repository server).
- Creating the mail-related infrastructure to handle all email communications with the clients as well as all internal communication.
- Maintaining the existing production-related infrastructure.
- Implementing the database replication and backup strategies.
- Creating an internal knowledge base.

Education

Master of Science in Computer Engineering

Centro Politécnico Superior (Universidad de Zaragoza), 2012
Zaragoza (Spain)

Master of Science in Computer Engineering: Erasmus programme

Kungliga Tekniska Högskolan, 2009 - 2010
Stockholm (Sweden)

Certificate in Advanced English (CAE)

University of Cambridge, 2011

Training

OpenCloud

A training course with OpenCloud to learn about the OpenStack software platform.
Madrid (Spain) 2013

PyConES 2014

The most important nation-wide Python conference in Spain.
Zaragoza (Spain) 2014

Skills

Technical

- Programming languages: I love programming in Python and Ruby and also have good programming skills in Java and SQL. I like to use Bash for shell scripting.
- Web development: I have done all of my professional web development with the Pyramid web framework. For small and personal web applications I have also worked with Sinatra.
- Markup languages: XML, YAML and Jinja2. I write my personal notes and documentation in Markdown.
- Version control: Git.
- Database management: PostgreSQL and MySQL.
- Operating Systems: Ubuntu, Debian and Windows Server.
- Web servers: Nginx and IIS.
- Virtualization: VirtualBox and KVM.
- Cloud providers: Acens, Arsys and 1and1. I have also deployed small web applications to Digital Ocean and Heroku.
- Configuration management: Puppet and Ansible.
- Continuous integration: Jenkins.

Languages

Spanish (Native) • English (Level C2) • French(beginner)

Hobbies and interests

I started running while doing my master thesis to give my mind a rest and have kept running since then. Now I can proudly say that I have run two marathons so far. I have always enjoyed playing the guitar and reading books.