

Álvaro Castellano Vela

Education

- 2008-2013** **Master in Computer Science Engineering** Universitat Jaume I, Castellón de la Plana - Spain
- Final project title: Wireless presence control device for students.*

Experience

- 2015 - Present** **DevOps at MicromaxStudio S.L.**
- I managed the maintainance of the company's backend servers, their migration to cloud infrastructure, and developing infrastructure tools support them.
- **Automated Server Deployment:** *Ansible* was used to deploy new server instances in the backend, as well as keeping the existing ones up-to-date. *Git* was used to manage all the deployment files organized.
 - **Server Monitoring:** The company servers were monitored using *Icinga 2*.
- 2013 - Present** **Developer at Inherit Smart Experiences S.L.**
- I developed smart devices which produce sensorial stimulation (light, fragrances, heat & cold, etc) during a marketing experience. These devices induce new sensations and emotions on the clients. Our devices start to play a video when the client enters into a room. According with a previous configuration, during the video playback the room changes its backgorund color using leds lamps. The room also have fragrance triggers which immerse the client inside the experience.
- **Web Plataforma** which maintains all company gadgets connected, the plataform is written in PHP using *Zend Framework*.
 - **Remote video player:** Remote video player which loads videos from the company web plataform, these players also activate light and relays to add more sensations during the video playback.
- 2013 - 2015** **IT System Administrator at E-commfactory S.L.**
- I was working in this company as system administrator, migrate websites ans web apps from old server to cloud server, improving security of the new machines. I also handled company's infrastructure cloud, etc.
- In September 2015 the company changed its name to *MicromaxStudio S.L.*

Technical Experience

- Own projects** In my free time I work in my own projects:
- **Formula Live Results** - Mobile application for *Android* and *iOS* wirtten using *Ionic Framework* wich allowed you to watch live results of Formula One races performed in 2015 - **Google Play**

- There are other projects but they are unfinished. In these projects I am using *C++ 11*, *Python*, *PHP (Laravel 5)*, and *Go*.

Programming Languages

: **Python:** 5 years experience. I use Python for almost all maintenance scripts and when I need to write scripts quickly.

: **Bash scripting:** In many cases I have written bash scripts for monitoring special things such as backups, e-mail monitoring, website changes (before knowing about Icinga),

: **PHP 5:** 3 years experience I have used Zend Framework at work. I have used CodeIgniter 2 and Laravel 5 in my own projects.

: Basic knowledge of **Angular JS**, **C++ 11**, **Go**, **Javascript**

Technical Skills

Methodologies **Object Oriented Programming/Design.**
Agile **Scrum, FDD.**

Unit Test **Boost Test.**

Libraries **Boost.**

Build **Make** and **CMake.**

VCS **Git** and **Mercurial.**

WebServer **Apache2**, and **Nginx.**

Deployment **Ansible.**

Monitoring **Monit** and **Icinga 2**

Languages

Spanish Native

Catalonian Fluent

English Grade 6 at IELTS (B2)

alvaro.castellano.vela@gmail.com

+34 679561160

Website: <https://a-castellano.github.io>

Linkedin: <https://es.linkedin.com/in/álvaro-castellano-vela-b2963182>

GitHub: <https://github.com/a-castellano>

Carretera Alcora, Urb "Los Angeles", Nº8 12006 Castellón - Spain