

# Álvaro Castellano Vela

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I am a software engineer hungry for new challenges when working in a project, I love projects that allow me to learn a new language or methodology, specially when it is a challenging project. I do not hesitate to dive into the task, and apply the new knowledge gathered from learning the languages, technologies and methodologies to ensure the highest success of the project.

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## Education

**2008-2013**      **Computer engineering** Universitat Jaume I (Castellón de la Plana)

5 years carrer.

*Final project title: Wireless presence control device for students.*

## Experience

**2015 - Present**      **DevOps at MicromaxStudio S.L.**

I have been working in server migrations to the cloud, maintainance of company servers, and developing infrastructure tools.

- **Server Automatized Instalation:** Autamic server instalation using *Ansible*, the Ansible scripts also keep the servers updated. Git project deploying using Ansible.
- **Server Monitoring:** The company servers are monitored using *Icinga 2*.

In addition, I am usually on call.

**2013 - Present**      **Developer at Inherit Smart Experiences S.L.**

I have developed smart devices which produces sensorial stimulation (light, fragrances, heat, cold, etc) while a video is playing. Those devices are supposed to produce new sensations and emotions on the clients in marketing activities.

- **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* written using *Ionic Framework* which 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

<b>Methodologies</b>	<b>Object Oriented Programming/Design.</b>
<b>Agile</b>	<b>Scrum, FDD.</b>
<b>Unit Test</b>	<b>Boost Test.</b>
<b>Libraries</b>	<b>Boost.</b>
<b>Build</b>	<b>Make and CMake.</b>
<b>VCS</b>	<b>Git and Mercurial.</b>
<b>WebServer</b>	<b>Apache2, and Nginx.</b>
<b>Deployment</b>	<b>Ansible.</b>
<b>Monitoring</b>	<b>Monit and Icinga 2</b>

## Languages

<b>Spanish</b>	Native
<b>Catalonian</b>	Fluent
<b>English</b>	Grade 6 at IELTS (B2)

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