

Vicente Valdés Picó

03540 Alicante (ALICANTE)

(34) 644 299 804

VICENTE22@GMAIL.COM

[Online-CV](#)

Experiences

2014 - PRESENT

CYPE Ingenieros, Alicante - IT Team Leader

- HVAC

Design of HVAC installations (heating, ventilation and air conditioning). **CAD** Desktop program implemented in **C** and using **MVC architecture**.

- CYPELEC

Calculation of low voltage electrical installations according to the Electrotechnical Regulation for Low Voltage. Developed in collaboration with the Electrical Engineering Department of the Department of Mechanical Engineering and Energy of the Miguel Hernández University of Elche. **CAD** Desktop program implemented in **C** and using **MVC architecture**.

- Open BIM Health and safety

BIM modelling of the elements required for the Health and Safety Analysis. **CAD** Desktop program implemented in **C** and using **MVC architecture**.

At this point we started a new type of applications, which did not fit into the workflow we had in the department. That led us to redesign a new workflow that would fit with **AndroidStudio** and **XCode** IDEs.

For this new workflow, source version control and dependency control. We use **Team Foundation Server** that allow us create **Git** projects, and manage all development workflow (test, builds, CI). Other problem we found is that we must work in an intranet with no internet connection (mandatory) , so we use **JBfrog** as dependency repository and many others problems that we solved, this new workflow allow us use latest technologies.

- Android BIMserver App **Java, AndroidStudio**
- Android BIMServer Augmented Reality App (in progress) **Java, AndroidStudio, ARCore, Gltf**
- IOS BIMserver App **Swift, Xcode**
- IOS BIMserver Augmented Reality App **Swift, Xcode, Gltf**
- Unity plugin to connect with BIMServer.center (in progress)

2007-2014

CYPE Ingenieros, Alicante - Senior Software Engineer

During most of this time I was working in our leading program called CYPECAD, it is a calculation program of structures is composed of many modules, some of the modules that I had the opportunity to design were:

- Beams dimension
- Health & Safety
- Stairs

And also teaching other colleagues who started their careers with us

2003-2007

CYPE Ingenieros, Alicante - Junior developer

At this stage of my career I dedicate myself to learn from my colleagues the importance of developing as a team, maintaining a clean and efficient code. Know when to abstract a concept and when not, and many many other things...

2011-2015

Dayap Corporation, Alicante - CEO

This has been one of my best projects. Three friends with IT profiles decided to set up a startup for the development of mobile applications. For this we chose a first project that would be an application that would allow us to be aware of the weather forecasts without needing to be continuously looking at the weather reports. For this the application had to read from some sources of meteorological data, then the user had to introduce some conditions that were of interest and if the system detected them, it would notify you. Also this app had a social component that and many

What happened? so that 3 people who love to develop and apply the latest technologies of the moment. We spent all our time improving and deciding that I could be better. Leaving aside other tasks that were more necessary we use Java, Spring, Maven on Google Cloud Platform

What did I learn from this whole trip? Do not form a startup with more profiles like yours, it is important to separate the different roles and as much heterogeneous is the team, much better the team is

Skills

Make a list with all the skills that I think I have. Apart from being a bore is also a little blah blah blah. If you want to know more about me. Call me, and we can continue with a coffee or beer depends on the time, it sure is more fun.