MANUEL ALFARO SIERRA

FRONTEND HYBRID DEVELOPER

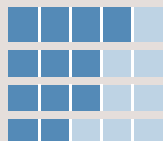(+43) 622 207 831 | manuel.alfaro.sierra@gmail.com

ABOUT ME

Creative and curious would be the better way to define my skills. I love research and using the cutting edge technologies.
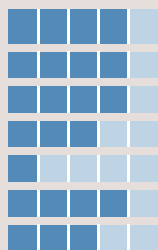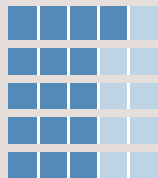
SKILLS

FRONTEND

JavaScript
JS ES6
HTML5
CSS/SASS

SYSTEM

NodeJS
Grunt
Cordova
Webpack
Jenkins
Linux
SVN/GIT

IDES

Atom
Android Studio
Xcode
Vim
Eclipse

LANGUAGES

English

EXPERIENCIA

(2014 – currently)

PROGRAMER ANALYST

FRONTEND HYBRID DEV

Hybrid app development for tablets. Developed in Javascript, HTML5, CSS and something of native code in Java and Objective-C. Built for release using Apache Cordova and deployed on Android and IOS.

(2005 – 2014)

TECHNICAL CONSULTAN

ABAP DEV/ANDROID NATIVE DEV

Three years developing small and medium native android apps. And around nine years developing SAP solutions.

STUDIES

(1998 – 2002)

SOFTWARE ENGINEERING

Edexcel BTEC Level 5

7,5 average rating.

PROFESSIONAL HISTORY

ASLAM-CAPGEMINI for PSA Group between 2016-2017

ASLAM for PSA group between 2014-2016

Stratesys Consulting for multiple enterprises between 2005-2014

WEB

https://github.com/dokoto

DETAILED PROFESSIONAL EXPERIENCE

Slideshow [ASLAM FOR PSA]	**Developer and Technical architect**	**10/2016-02/2017**

App designed for shows as Geneva Motor Show and concessionnaires. It show cars in high definition in a slide mode. This App is like a service, once it running, connect to websocket endpoint and it's waiting to recieve high quality cars pictures to show up. Then from client mobile applications and desktop PC, users send the model they wish to show up across the channel.
- WebSockets (atmosphere)
- Javascript ES6.
- Node.js
- Webpack
- Grunt
- Babel
- Backbone.js
- Marionette 3

Constructor [ASLAM PARA PSA]	**Developer and Technical architect**	**10/2015-03/2016**

Construction app that generates releases of main PSA hybrid app. Those releases are used by vendors to sell cars inside concessionaries around the globe (five countries, Spain, Holland, England, Belgium, and France). Due to the complex build needs, born this app. An app capable to manage the build from the scratch until a signed app and ready to deploy on Apple store or Play store.
A good feature is the autonomy, when this app build android download all sdk dependencies that it need. Also it's capable to modify native plugin code in build time plus the Apache Cordova manifest, the android manifest and the ios manifest. The release product use a custom webview (crosswalk project) to support old android versions.
It was designed thinking in the scalability and not only able to build android and ios. It's planned build windows universal apps in a near future.
- Javascript ES6.
- Node.js
- Grunt
- Apache Cordova

OPV TABLET [ASLAM PARA PSA]	**Developer**	**05/2014-03/2017**

Sell cars is the main target, although in the beginning born to show vehicles from multiple countries and brands, show features, prices, etc. But now this app is capable even to finance the car, sell second hand cars, has a CRM module, plus tons of features more. Now it used across 5 countries with projections to deploy up to 16 countries more.
The technical design bases in Backbone.js + Marionette.js + Require.js. Where Backbone structure the app in Model and Router, Marionet works as view and has utilities to modularize. And Require.js manage the dependencies.
Grunt is the main tool to build itself. Depending what brand (Peugeot, Citroen) or country you want to build the construction process must choose specific styles and assets. The result is a minified app.
This gruntfile is called from Constructor App as part of the native build process.
- Node.js
- Grunt
- Backbone.js
- Marionette
- Less
- Underscore
- Tpl
- Jquery
- Jquery-mobile
- Swipe

- Icroll
- moment

NextInit [STRATESYS PARA NEXTINIT]   **Developer**   **03/2014-05/2014**

Native Android version of IOS app NextInit (www.nextinit.com)
- Android API 9 – 19 [ActionBarSherlock, ActionBar-PullToRefresh]
- REST JSON
- Eclipse ADT
- GIT[Bitbucket]

BMR App [STRATESYS PARA STRATESYS]   **Developer**   **11/2013-01/2014**

App to manage meeting room bookings
- Android API 14-18 [Maps APIv2, Google Play Services, Zxing]
- ABAP 4 REST JSON
- Eclipse ADT
- GIT[Bitbucket]

VimMobile [STRATESYS PARA STRATESYS]   **Developer and Technical architect**   **05/2013-11/2013**

Hybrid App to manage approvals and rejections on SAP-VIM
- PhoneGap
- HTML5, CSS3, JavaScript
- jQuery, jQuery Mobile UI, Scroll 4
- Java J2EE [PdfBox, Jackson, Apache HttpClisent]
- ABAP 4 REST JSON
- Eclipse J2EE
- GIT[Bitbucket]

Stratesys for Telefónica Soluciones   **Technical consultant**   **10/2012-10/2013**

Technical maintain of SAP-PI automatic invoice.
- Java J2EE [servlets]
- Java [Desktop Applications]
- Eclipse Indigo

Stratesys for Telefónica Soluciones   **Technical consultant**   **01/2006-12/2013**

Technical maintain of SAP ECC 6.0 on MM, CO, FI modules.
> ABAP 4, ABAP OO [RFCs, WorkFlows, ALVs, XSTL, Modules Pools, Type Pools, regex, GOS, SapScript, Smarforms, reports, USER EXITS, FIELD EXITS, substitutions, Enhancement Spots, BADIS, BAPIS]

Stratesys for Uralita   **Technical consultant**   **01/2011-12/2013**

Technical maintain of Esker platform and SAP ECC 6.0
- ABAP 4/OO [WorkFlow, RFCs, Reports, Global classes]
- JavaScript
- Visual Script
- Visual .NET

| **Stratesys for Repsol IPF** | **Technical consultant** | **10/2010-01/2011** |

Data archiving project on SAP-TR module.
    ABAP 4/OO [Reports, Modules Pools, Classes]

| **Stratesys for Memora** | **Technical consultant** | **07/2009-12/2009** |

Full implantation of SAP R3 ECC 6.0
    ABAP 4/OO [Reports, Modules Pools, Classes]

| **Stratesys for Ferrovial** | **Technical consultant** | **09/2008-01/2009** |

Project to develop a SAP-FI balance report. And SAP BW extractors.
    ABAP 4/OO [Reports, Modules Pools, Classes]

| **Stratesys for Rovi** | **Technical consultant** | **08/2006-09/2006** |

Technical maintain of SAP R3 4.7
-   ABAP 4 Reports

| **Stratesys for Movistar** | **Technical consultant** | **07/2005-05/2006** |

Technical maintain of SAP R3 4.7
-   ABAP 4, ABAP OO [MM, FI, CO, VIM] [RFCs, ALVs, Modules Pools, Type Pools, SapScript, reports, USER EXITS, substitutions, BAPIS]

EXPERIENCIA PERSONAL DETALLADA

DHE	Developer and Technical architect	02/2012-05/2012

App to help crowds to agree in something.
- C++ [libstd, libpq, libssl, libpthread, libpcrecpp]
- Java [Android API 14, Gson 2.2.4, Libphonenumber 5.7]
- PL/PgSQL[pgcrypto]
- Eclipse ADT, Xcode 4.6, MS Visual C++ 2012, Kdevelop 4.4
- Cmake, GDB, Subversion
- Win32, GNU/Linux, OS X

Link to source code
Link to documentation
Video 1
Video 2

ZLIBUTILS	Developer and Technical architect	04/2012-04/2012

Utils library for C++.
- C++[libzip, libcurl, libiconv, libpcre, libpcrecpp]
- Xcode 4.2, MS Visual C++ 2008, Kdevelop 4.2
- Cmake, Gdb, Subversion
- Win32, GNU/Linux, OS X

Link to source code

HWT	Developer and Technical architect	09/2011-01/2012

HTML widget library for C++.
- C++ [libmicrohttpd, libicuuc]
- JavaScript [jQuery](AJAX)
- HTML, CSS
- Xcode 4.2, MS Visual C++ 2008, Kdevelop 4.2
- Cmake, Gdb, Subversion

HTMLMASK	Developer and Technical architect	07/2011-09/2011

App to generate HTML interfaces for bash programs as ffmpeg.
- C++ [libmicrohttpd]
- JavaScript (AJAX)
- HTML, CSS
- Xcode 4.2, MS Visual C++ 2008, Kdevelop 4.2
- Cmake, Gdb, Subversion
- Win32, GNU/Linux, OS X

Link to source code
Link to documentation

| **El Barrio es lo primero** | **Developer and Technical architect** | **04/2011-07/2011** |

Street fighter II clone game.
- C++ [libsdl]
- Xcode 4.2, MS Visual C++ 2008, Kdevelop 4.2
- Cmake, Gdb, Subversion
- Win32, GNU/Linux, OS X

Link to source code
Video 1
Video 2
Video 3
Video 4
Video 5

| **GOLANG-SAP Connector** | **Developer and Technical architect** | **03/2011-04/2011** |

SAP R3 bindings for golang.
- C++[SAP SDK]
- GOLANG
- Gedit, VIM
- Makefiles, Subversion
- GNU/Linux