

Andres Monge

Technical Lead / Architect

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Profile

I translate KPI's into technically requirements and tasks, detailed enough to be ready to code and abstract enough to be fully described in a business and functional language. With a full background in developing and leading I can successfully teach, coach and sustain a productive Dev team to build solutions to match the desired KPI's or any other objective.

As a architectural product owner my task is to identify key components and norms that will accelerate developers teams to build a more stables, robust and attractive software.

As an architect I have to provide the right balance between results and maintainability, keeping up to date clients quality and quantity expectations.

As a developer I invest the time making the tools to aide developers, verify correctness for following best practices, good TDD/SOLID and company values.

I also carry the electronic version of the curse of Cassandra. I'm able to see the future of technology and any project, due to my clear vision of the risks and strengths of all software life cycle

Skills

Team leader

Experience since 2015 leading teams guiding members into their self-taught capacities, improving the value of the team as a whole. I'm recurrently able to transform junior and newbies developers into a senior quality developers.

Creative

The great expand of my technology knowledge, allows me into focusing in solutions instead of softwares. Being able to combine different technologies to create new solutions inexistent in the market; such as a created tiny ad-hoc frameworks, micro-front ends (back in the 2016), AI decision screens, etc...

Result oriented

As the current market is trending I follow the iteration pattern development. Investing time to develop quick and small features, rather than big features in smaller deliveries. Making the process more transparent so that we can achieve better results.

Front-End

JavaScript, 12 years. Master

XHTML, 12 years. Master

CSS/SASS/LESS, 12 years. Master

(JS) Polymer 4 year

(JS) React 1 year

(JS) React-Native 1 year

(JS) FlighJS 1 year

(JS) AngularJS 2 year

(JS) Angular 1 year

(JS) BackboneJS 2 year

Back-End

PHP, 3 years. Advanced

nodeJS, 4 years. Standard

Ruby/Rails, 1 year. Standard

Databases

MySQL, 3 years. Advanced

mongoDB, 4 years. Standard

Servers

Linux, 14 years. Master

Apache, 3 years. Advanced

nginx, 5 years. Standard

Work Flows

Git, 9 years. Master

Svn, 3 years. Standard

Jira, 7 years. Advanced

Platforms

Cordova / iOS, 1 years. Standard

Cordova / Android, 1 years. Standard

Cordova / Windows Tablets, 1 years. Standard

Tools

Vi, 9 years. Master

MarkDown, 7 years. Master

Experience

Global Banking APIs (usa) @ GFT / Santander Global Tech (Spain)

technical lead / Architect

(Spain)

2019-20XX

As a technical lead, I'm responsible of the technical coordination and alignment of a team, which is composed of three squads (5 members) on Spain and seven on the USA. The goal of this project it to modernize the back-end services in the bank, following a API-First definition, micro-services, a continuous deployment and a test-driven-development methodology. My main goal is to ease the developers work and at the same time raise the quality of our work overall, through architectural changes, improvements and I+D.

Components catalog @ GFT / Santander Global Tech (Spain)

Product Owner / Front-End Architect

(Spain)

2017-2019

As a architect and product owner. I was tasked to identify key components and features to develop with help of a team, to maximize the value provided by our software stack used by Santander Group. Used by more than 10 teams without it being obligatory; our goal is to build it so robust, flexible and simple that it becomes an attractive asset rather than an obligation.

I+D Architectural documentation @ GFT / Santander Global Tech

TDD Architectural documentation @ GFT / Santander Global Tech

Product Owner / Front-End Architect

(Spain)

2017-20XX

As an architect I was tasked to create architectural and guideline documents with the help of a team. The main architectural document stated the chosen framework (Angular), key software principles such as micro-front, SOLID-ness and event driven, and the software guidelines for the group. Also I'm tasked to keep the document a live and updated with the latest technology trends, software updates and deprecations.

MyPage @ GFT / Santander Global Tech

Product Owner / Front-End Architect

(Spain)

2017-20XX

As a product owner I decided to take a flexible grid system to bring customer's personalization into the financial world. As an architect I guide the multidisciplinary team to build the software in a coherent, modular and iterative life cycle. As the team used several and new technologies, I overcome my lack of specific technical knowledge with my broad vision and my abstract and root knowledge of any software.

SIO-100 (a Artificial Intelligence project) @ bonial / kaufda.be

Front-End Architect / Team leader

(Germany)

2016-2017

As an architect, I've decided to use Polymer for the project (AI decisions confirmations) since the team is distributed in small standalone micro-services so relaying on scope protection and encapsulation that polymer provides increased the productivity of the front-end screens. Replicated the environment of previews projects TDD, CI, Artifactory and an atomic modular design pattern. [kaufda](#)

TabletBanking @ s|ngular / BBVA Compass

Front-End Architect / Team leader

(USA)

2015-2017

As an architect, I've successfully guided a junior team with five team members to estimate, analyze and develop feature requested by product owner and architects. We used a TDD methodology and a component-based project adding up to 230 (Polymer.js) web-components. We delivered to tablet, mobile and desktop applications using contiguous integration (jenkins), Cordova and artifactory to host the components as dependencies. [TabletBanking](#)

Hoy Necesito @ s|ngular / BBVA

Front-End team leader

(Spain)

2014-2015

As a team lead I helped product owners with estimations, and created an analysis for the features requested. I've taught the team Angular.js in the most component based way (mainly using ngModules and directives). As a senior developer I wrote a full page feature in ReactJS wrapped inside and Angular directive. The focus on react was performance since the feature required a live update of a calendar events. We also relayed on GULP / GRUNT to deliver our code and Git-flow to ensure code maintenance

Online Banking @ s|ngular / BBVA Compass

Front-End developer

(Spain)

2013-2014

As a senior developer I've help in the process of changing the mindset form classic MVC/jQuery into a modular/component-based development. We used FlightJs as our main framework under SCRUM/Agile workflow. The project relied on the template engine and few key JavaScript components (which I was the lead developer for). [bbvacompass](#)

Universidad Rey Juan Carlos

Web Developer

(Spain)

2013

As a full-stack developer I created a dynamic template and plugins for a Joomla based web. The initial solution was based in Word-press with an ad-hock WYSIWYG to provide the ability of creating and modifying pages. After moving the project into Joomla the template was build with a lot of flexibility. [URJC](#)

Component Catalogue @ Adesis / Mapfre

Front-End Architect / Expert Developer

(Spain)

2013

As a expert reference I was responsible for code reviews, code analysis and quality assurance that the developers of Mapfre (the client) delivered. I had improve the current developers skills, practices and guiding them into the best developers. Our main area of focus was JavaScript, Angular, CSS and Jade as the template engine.

Personal Finance Manager @ Adesis

Front-End Developer

(Spain)

2013

As a full-stack developer In little less than a month and a half, I've develop by my self a fully operational finance manager. Provided with the graphical designs I build the app using nodeJS (sails) and AngularJs from scratch. I've made the all the decisions including the architecture, technologies and work-methodology. The project was latter on improved and used for years.

RedPacientes, social network @ CBI

Full-Stack Developer

(Spain)

2011-2013

As a full-stack developer I used mainly SQL functions, a PHP controller and JavaScript(backbone) for the front-end. I Also helped developing modules of a bigger app that was being built. We were replication a CRM (such as SAP), providing support by IE7 and greater, besides modern browsers. Everything done with a proprietary framework which we also had to maintain and update. [Red Pacientes](#)

No llores Patito

Full-Stack Developer

(Spain)

2011

Online shop, created with a custom framework similar to CakePHP. The main focus was over the framework built on PHP, the front-end was basically tweaking a paid template. [No Llores Patito](#)

Ananda Pascual

Full-Stack Developer

(Spain)

2010

Online store for clothing. Built with osCommerce, and few ad-hock plugins to manage the landing page. There was also a TPV (payment conector) to develop and integrate with Spanish banks (CajaMar and CajaSol), and a API integration with real-time stock handling service ("seleris"). [Ananda Pascual](#)

Los hijos de la Malinche

Full-Stack Developer

(Mexico)

2008-2010

An political and opinionated e-maganized. It mainly sponsored by the Mexican newspaper "Reforma". Built with Drupal for the content manager, and custom templates for both back-end (the admin manager site) and front-end. Front-end was improved with jQuery and jQuery plugins. [Los Hijos de la Malinche](#)

Internship and S.E.O. @ KnowCentury

Full-Stack Developer

(Spain)

2008-2009

As an intern in the first six moths I was ladderding the new department of search engine optimization (SEO). One of my biggest achievements was holding on the words: "comprar oro" ("buy gold") as the second result for 5 months, and the first result for some days.

Github: <https://github.com/aemonge>

npm: <https://www.npmjs.com/~aemonge>

Stack Overflow: <http://stackoverflow.com/users/1360897/aemonge>
