A technical lead and engineer manager who is passionate about the new wave for AI development, and since then, I am in the process of moving away from front-end, and into machine learning and neural networks. I'm still an expert in web-development, highly efficient in JavaScript, DevOps and recently Ruby.

I provide value by translating KPI's or any business requirements into meaningful and planned chunks of technical tasks. Furthermore, I take ownership of the architecture and spike research, allowing my team to stay focused. I unblock the team by kick staring projects and proof of concepts, and dive deep into complex solutions.

My solutions are always functionally driven with slight touch of Object Orientation, since the fundamental paradigm comes natural for me.

Work History

2022 - present

Software Engineer Manager / Staff Software Engineer

Lavanda, United Kindom (remote)

Started up as a line manager for two squads, and was also responsible to keep them in focus for a tight delivery. Coordinated directly with the CTO and CPO of the company to trim acceptance criteria to deliver the most value to our customer in three months.

After the successful delivery of the application, and due to the company size at that moment, I've changed my role from a manager into a back-end engineer developing in Ruby and Ruby on Rails 7. My new responsibilities were to design and develop features to alleviate customer churn by delivering features that cause stress to our customers based on the data sent by customers and internally.

- Managed a count of 10 software engineers (front and back) and lead two quality engineers.
- Developed demo able data creating, which randomized bookings date allocation by ranges with a set occupancy target in less than 100ms.
- Created a design and proof of concept for a refactor in the monolithic codebase to develop a signature feature.

2021 - 2022

Technical Lead / Software Engineer Manager

Global Savings Group, (remote) Germany

Responsible to keep the legacy code and systems active and clean of critical bugs, while a full company refactoring was taking place. Participated in discovery and planning for the refactor of the code, and while I was doing this, I've created a CLI tooling to automate a process that costed the company weeks of development and maintenance.

- Created Ditto an HTML crawler that built react and web-componets to use as header/footers for partner-sites.
- Lead up a team of 7 developers and testers.
- Developed a randomized date allocation by ranges.
- Motivated the team enough, that they were all accountable and willing to solve any kind of bug in the legacy system.

"**Simplicity is the ultimate sophistication**" *- Leonardo da Vinci*

Andres Monge

Technical Lead / Solution Architect

40%	Management & Mentoring
30%	Research & Spikes
30%	Solutions Development

Contact

Email
andres.monge@gmail.com

Phone
622505729

Socials

Stack Overflow

https://stackoverflow.com/users/1360897/aemonge

GitHub

https://github.com/aemonge/aemonge

Proficient Software

Javascritpt ES6	★★★★★
HTML/CSS	★★★★☆
Dev-Ops	★★★★☆
Ruby	★★★☆☆
Python	★★☆☆☆
Databases	★★★★☆
PHP	★★★☆☆

2018 - 2021

Technical Lead / Front-end Architect

GFT / Santander Global Tech, Madrid, Spain

Technical Lead

Responsible for the technical coordination and alignment of development teams. Investigation of new technology and methodologies that would accelerate delivery times and/or increase overall quality.

- Automation assets creation, such as an automatic documentation or a dependency analyzer.
- Introduced ATDD to generate a 20% reduction in delivery time in two projects.
- Fully researched 12 candidates for a sandbox and mock server.

Front-end Architect

My role was to create the architectural and guidelines and assets for the web development in the company, while endorsing a solid and agile methodology.

- Micro-front end handler, able to load dynamically UMD modules.
- Configuration loader before application starts.
- Generated the developer's architectural referral guidelines, tutorials, and tips.
- Generated an Angular wrapper of https://golden-layout.com/ layout system.

2017 - 2018

Front-end Team Lead

Bonial / kaufda.be, Berlin, Germany

Using polymer with an atomic design, we were able to generate micro-front ends to represent the frontal stage of a Camunda process automation, which corrects and teaches the A.I. decisions.

- Created an infinite undo/redo global interface
- Created a tag generator, with local database synced asynchronously with the company's WordPress tag system.

2013 - 2017

Front-end Team Lead / Front-end Developer

s|ngular / BBVA , USA

Team Lead

Experimenting with the newest technology, polymer (web components), we created an ad-hoc framework (cells) and the personal tablet banking app.

- Empowered a junior developer into architect in less than a year
- Handled a team of 5 multidisciplinary members.
- Introduced a TDD methodology with its CD for the automatic creation of APK/IPA and web-zip artifacts.
- Did more than 20 public talks about the future of web components and their benefits.

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Frameworks and others

Leadership Skills

Ruby on Rails

Web Components

AWS

Jira

Heroku

Cucumber

(neo) Vim

Java

Mule-Soft

React JS

ATDD

Angular

Micro Frontend

Micro Services

Polymer

Jenkings

Docker

Azure

Backbone

Spoken Languages

Spanish ★★★★★

English ★★★★★

Dutch

Hobbies

- Neo-Vim fan, with my curated settings.
- Firefox and Linux Styles Customization.
- Science and Space-time, YouTube binge-watching.
- Privacy enthusiast.
- A.I. and I.O.T. Robotics.
- Nintendo Gaming (Zelda, SSBU).
- Inline Skates.

Developer

Besides being responsible for my code, and it's to teach AngularJS, FlightJS and React to other the overall learning curve of the team.

- Created the core architectural components for the using FlightJS
- Couched team members to change the mindset form MVC/jQuery into a modular/component-based development.
- Helped in the construction of the CD/CI with GULP and git-flow.
- Created a AngularJS component that hosted a ReactJS module (micro-front).

2012 - 2013   **Front-end Developer**

Adesis (GFT), Madrid, Spain

Responsible for creating robust software for the insurance sector, using my front-end skill to create architectural components and my backend skills to lead.

- I've created a personal finance manager app from AngularJS and leading a NodeJS (Sails) developer.
- Created the full set of global front end components for Maphre.
- Couched developers to switch from monolithic development to a modern SPA and API development.

2010 - 2012   **Front-end Developer**

CBI Cambridge Business Iniciatives, Madrid, Spain

Responsible for creating end-to-end modules, with BackboneJS and PHP with support down to IE7 for an ah-hoc SAP-like system.

- Created import/export tool that automatically parsed raw XLS data into SQL with smart detection of up to 4 categories for the data.
- Created 3 WordPress branding sites, with direct contact with the clients.

2008 - 2013   **Web Developer**

Freelance, Madrid, Spain

I created different websites for international clients, working with open source back-end frameworks and vanilla front-ends. Created ad-hoc themes and plugins to provide simple and narrowed tools for my clients.

- Universidad Rey Juan Carlos, a very well-known Spanish university, created with Joomla. I've created a set of themed components to be used in an ad-hoc WYSIWYG.
- Los hijos de la Malinche, an e-magazine built with Drupal and an ad-hoc theme.
- Ananda Pascual, a clothing online store built with OsCommerce with ad-hoc integration for automatic deliveries.
- No llores patito, a baby online shop created with an ad-hoc PHP framework that follows the CakePHP vision.

2007 - 2007   **Software Engineering Internship**

KnowCentury, Madrid, Spain

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I was tasked to create and updated WordPress sites content and modules. I was also researching search engine optimization for some clients.

- Achieved second result for the query "buy gold" in less than 5 months.