

A trained technical lead and engineer manager who is passionate about the new wave for AI development. Looking to enter into the field of neural network engineering, using my previous skills in web (JavaScript/DevOps/Ruby) and new ones which are recently acquired.

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 starting projects and proof of concepts, and dive deep into complex solutions.

I constantly try to take the extra effort to make my solutions follow a functional declarative and O.O. paradigm, since I found that saves times eventually.

## Work History

### 2022 - present **Software Engineer Manager / Staff Software Engineer**

*Lavanda, United Kindom (remote)*

Line manager for two squads and responsible to keep a tight delivery, by acting as PO and trimming functionality. Furthermore, design and develop features to alleviate customers churn.

- Coordinated with the CTO and CPO.
- Line manager of 10 software engineers (front and back).
- Ruby / Rails senior developer, and solutions staff engineer.
- Created an efficient (<100ms) algorithm to allocate randomized bookings with range and date constraints.

### 2021 - 2022 **Technical Lead / Software Engineer Manager**

*Global Savings Group, (remote) Germany*

Kept the legacy code and systems active and clean of critical bugs, while participating in the discovery and planning of a company-wide code refactoring. Designed and developed a solution that save the company costs by automating a complex process.

- Line manager of 7 software engineers (front, test).
- Automated solution, Ditto. An HTML crawler that built plug and play react assets (header/footers).
- Made the team accountable for the full legacy system, purely by motivation.

### 2018 - 2021 **Technical Lead / Front-end Architect**

*GFT / Santander Global Tech, Madrid, Spain*

#### Technical Lead

Technical coordinator, and solutions of development teams. Investigation of new technology and methodologies that would accelerate delivery times and/or increase overall quality.

- Design a solution to generate documentation and dependency hierarchy automatically.
- Proved increase of 120% in deliver time in two projects designing ATDD.
- Designed a solution for an ad-hoc sandbox/mock server.

*"We cannot release the patient from the Operation Room like that"*



# Andres Monge

Technical Lead / Solution Architect

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

## Contact

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## Socials

### Stack Overflow

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

### GitHub

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

## Proficient Software

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

## 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.
- Generated an Angular layout system to wrap micro-front.
- Configuration loader before application starts.
- Generated **the** developer's architectural referral documentation.

2017 - 2018

## **Front-end Team Lead**

*Bonial / kaufda.be, Berlin, Germany*

Developed Micro-fronts using Polymer (inspired with Atomic Design) to handle the UI of a A.I. training system based in Camunda.

- Created an infinite undo/redo global interface
- Created a hipper fast UI tag autocomplete, using local storage for optimization.

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.
- Lead and developed the ATDD methodology with full CD/CI integration.
- More than 20 public talks about the future of web components.

### 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.
- Mentored to implement modules and components, instead of jQuery.
- Helped in the construction of the CD/CI with GULP and git-flow.
- Micro-front, an AngularJS component hosting a ReactJS module.

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.

*"We cannot release the patient from the Operation Room like that"*

## **Frameworks and others**

Leadership Skills

PyTorch

NodeJS

Ruby on Rails

AWS

Web Components

Heroku

Jira

ATDD

Cucumber

(neo) Vim

Polymer

React JS

Angular

Micro Frontend

Java

Micro Services

Mule-Soft

Jenkins

Docker

Azure

Backbone

## **Spoken Languages**

Spanish

★★★★★

English

★★★★★

Deutsch

★★★☆☆

## **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.

2010 - 2012

## Front-end Developer

*CBI Cambridge Business Initiatives, 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, with Joomla and WordPress.
- Los hijos de la Malinche, an e-magazine built with Drupal.
- Ananda Pascual, online store built with OsCommerce.
- No llores patito, online shop created with crafted PHP like CakePHP.

2007 - 2007

## Software Engineering Internship

*KnowCentury, Madrid, Spain*

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.