

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 a **fully accountable team** (legacy system), using my motivational leadership.

### 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.



# 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.
- Mentored developers to switch from monolithic development to a modern SPA and API development.

## Soft Skills

### Participative Leadership

### Teacher and mentor

### Motivational and idealistic

### Emotionally Caring

## Frameworks and others

PyTorch

NodeJS

Ruby on Rails

AWS / Heroku

Jenkins / Docker

Jira

Polymer / ReactJS / Angular

## Spoken Languages

Spanish



English



## Hobbies

- Neo-Vim with my curated settings.
- Firefox Styles Customization.
- 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 an plugin which **imported/exported from XLS into SQL**, parsing the data according to the system architecture and schemas, as a 4 dimensional matrix.
- 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 in google for “buy gold”** in less than 5 months.