

# Ismael Ramos

SOFTWARE ENGINEER



## CONTACT

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## ABOUT ME

I've worked in both consulting and startups. When it comes to my job, I like having some flexibility. I think I learn things pretty fast, I'm proactive, can handle things **on my own**, and I'm always picking up **new skills**. I've been building and changing websites for about eight years, taking it step by step, pixel by pixel.

## SKILLS

### LANGUAGES

My English is at a B2 level. I haven't exclusively worked in English, but I wouldn't mind if I have to do it someday!  
My native language is Spanish.

### MY DAY-TO-DAY

Git, npm, angular, lit, sass, css grid, flexbox, bootstrap, karma, jasmine, jest, mocha, cypress, jira, argo-workflows, kubernetes, etc

## PROJECTS

Apart from biking, diving, playing video games, and some less exciting stuff, I work on various projects in my free time. This includes creating static websites, single-page applications (SPAs) with Angular, and apps using Ionic, Flutter, and NestJS.

## EXPERIENCE

### MAY 2018 - NOW | SENIOR FRONT END | META(.ES)

I am currently working on the Scholarship platform at Santander Bank. I created the web architecture from the beginning and contributed to the project development. As of now, we have achieved 7 million registered users.

#### Responsibilities

- Planning and developing new features.
- Refactoring legacy components of the application.
- Collaborating with backend engineers to define JSON APIs.
- Researching and assessing new technologies to improve our processes and codebase.
- Mentoring team members in software development best practices and processes.

#### Developer tasks

- Programming with **Angular 15**, **Bootstrap 4**, and **SASS**.
- Crafting accessible web components using **LitElement**, **CSS Grid**, and **flexbox**.
- Developing and optimizing website **core vitals**.
- Testing, including unit testing with **Karma** and **Jasmine**, and end-to-end testing with **Cypress** and **Cucumber**.
- We use **SCRUM** methodology and occasionally **TDD**.
- Occasional backend **support**. Knowledge in **MongoDB**, **NodeJS**, **Redis**, **Jest**, and **Supertest**.
- Our architecture is based on **Kubernetes** and **Docker**, hosted on **EC2** instances.

### JAN 2017 - MAY 2018 | FRONT END | ACCENTURE

I worked as a Front-end developer at Trust-u, a BBVA fintech initiative in startup mode. My key responsibilities included:

- Programming with **Angular 5**, **Bootstrap**, and **Gulp**
  - Creating unit tests using **Karma** and **Jasmine**, along with end-to-end testing with **Protractor**.
  - Paying special attention to **performance** and **security** aspects.
  - Managing the development and enhancement of the website's SEO with **Google Analytics**.
  - Providing backend support when required, working with **NodeJS** and **MongoDB** mainly.
- We used **SCRUM** and we had a **Microservices**-based architecture with **Docker** on **AWS**.

### SEP 2016 - JAN 2017 | FULL STACK DEV | BEST OPTION MEDIA

While working on a sports betting comparison application my goal was rebuilding the website's performance.

- Programming with **AngularJS**, **Jquery**, **Gulp**, and **Bootstrap**.
- Implementing significant improvements to the website's SEO.
- New database structure and migration to **MongoDB**

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## COURSES

REACT THE COMPLETE GUIDE -  
UDEMY - IN PROGRESS

CREATING ACCESSIBLE  
WEBSITES - UDEMY - 2022

VUE MASTERCLASS -  
UDEMY - 2022

NESTJS ZERO TO HERO -  
UDEMY - 2021

MONGODB FOR NODEJS  
DEVELOPERS - MONGO  
UNIVERSITY- 2017

MONGODB SECURITY - MONGO  
UNIVERSITY- 2016

AUGMENTED REALITY ON  
ANDROID DEVICES - UNIVERSITY  
OF OVIEDO - 2012

### **JUL 2015 - SEP 2016 | FULL STACK DEV | TELECOMING**

At this company, I was involved in the development of a real-time application for call center management.

- Frontend with **AngularJS**, jQuery, SASS, and **Angular Material**
- Backend with NodeJS, Express, and SocketIO. Integration with Sendgrid for emails. Also, **PHP** (Zend Framework).
- Testing with PHPUnit, Karma-Jasmine, and Protractor
- Usage of **Redis**, Memcached, Beanstalkd, and Jenkins.

### **JAN 2015 - JUL 2015 | FULL STACK DEV | ENVISTA**

I've gained valuable experience as a web developer through various projects, including sites for public administration.

- Programming with **PHP** and **MySQL**
- Programming with Javascript (jQuery) and CSS3 (SASS)
- Special care with the layout for mobile (Foundation)
- CMS: Use of **WordPress** and **Joomla**
- Creation of e-commerce with **Prestashop**
- Search engine optimization techniques (SEO)
- Contact, advise, and development of customized projects according to the client's requirements.

## EDUCATION

### **2013 - 2015 | MASTER'S DEGREE IN WEB ENGINEERING**

Postgraduate Master's Degree from the European Higher Education Area (EHEA) specializing in:

- Front-end web development with **HTML5**, **CSS3**, **SASS** and jQuery
- Programming methodologies with a focus on **Java**, **PHP**, and **NodeJS** fundamentals.
- Web application development using **design patterns** and **web services**
- Advanced knowledge in **usability**, **accessibility**, and **SEO** best practices.
- Application development on **Android** mobile devices (Java 7)
- CMS administration and programming: **Joomla** and **WordPress**
- Training in the **Semantic Web**, including schema and **structured data**.

### **2008 - 2013 | BACHELOR DEGREE IN COMPUTER SCIENCE**

First cycle degree where I acquired competencies in:

- Programming **C++** and **Java**
- Familiarity with **HTML** and **CSS3** fundamentals.
- Server administration: **Windows** and **Linux**
- Mathematical study and analysis
- Problem modeling using **UML**
- **Relational database design**
- Design patterns, **refactoring**, and best practices