### **Tomas Madariaga**

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#### **PROFILE**

www.tomasmadariaga.com - www.linkedin.com/in/tomasmadariaga/en - www.github.com/tomasmax

Full Stack Software Engineer with more than 9 years of experience working on fast-scaling and complex systems at several international companies. I enjoy architecting and developing scalable, performance oriented and easy to maintain software using JavaScript, TypeScript, React, Node.js, Ruby, Kotlin, Java... Clean code & architecture and TDD enthusiast. Team player, lifelong learner, product, business & result oriented.

#### **EXPERIENCE**

#### Senior Software Engineer, JavaScript. Barcelona - Remote, Adevinta

November 2018 - Present

- Developing & architecting the new <a href="www.milanuncios.com">www.milanuncios.com</a>, one of the most visited classified ads websites in Spain, with more than 80 million visits/month, 20 million monthly active users and 200k+ new ads/month.
- Product oriented full stack development, mainly isomorphic JavaScript, React, Node.js, webpack, technical SEO... some back end with Kotlin. Using TDD, clean architecture and DDD. Adevinta's tooling and components open-source projects contributor.
- Web performance focused code. Code instrumentation and optimization. Infrastructure monitoring. Kubernetes.
- Mentor and help other engineers. Participate in hiring processes.

#### Lead Front End Engineer, JavaScript. Barcelona, Redpoints

January 2018 - November 2018

- Leading Front-End architecture and development using JavaScript, React & Redux at Redpoints. Implement shared core
  functionality, API connector and component libraries. Storybook, Webpack, Rollup, Lerna, NodeJS...
- Lead a team of 9 engineers. Actively participate in recruiting, growing the team from 3 to 9. Mentor junior developers and spread the best engineering and dev practices. Deliver world class smart software suites for brand protection.

#### Full Stack Software Engineer, JavaScript. San Francisco, California, Moovit

2016 - 2017

- Work hand in hand with product, UX and business development team to overhaul www.moovitapp.com 5.0 version release.
- Front End (Angular 2+, React, HTML5, SCSS) and Back End (Node.js, Express) development.

#### Freelance Full Stack Engineer & Trainer. San Francisco - Bilbao - Remote

2016 - Present

• Front End (React, Angular) and Back End (Node.js, Express) development for different clients. Trainer.

#### Software Engineer, Java, Android & GIS, Bilbao, Indra

2015 – 2016

- Development of an Android (Java) <u>smart mobility solution</u> to speed up maintenance of several utility companies' network. ESRI
  GIS back end with JBOSS server. It supports the management of more than one million supply points for <u>EDP</u>, over 9600 miles
  of distribution network, half a million network elements and 90 maintenance teams.
- Android, Java and some C# development.

#### Full Stack Software Engineer & Project Manager. Ruby on Rails, Bilbao, Grupo Urbegi

2013 - 2014

• Full Stack Software Engineer, Back End & Front-End development using Ruby on Rails, Django, HTML5, JS, AngularJS and Heroku & AWS. Design and implement RESTful APIs. Leading tech projects for different customers using Agile & Scrum.

#### Software Engineer Intern, Ruby on Rails, Java. Bilbao, Techabout

2011 - 2012

• Meetabout project Front-end & Back-end development with Ruby on Rails MVC, Java OSGi, HTML5, JS, jQuery.

#### **EDUCATION**

Advanced Agile Project Management Postgraduate Degree, University of Barcelona, Spain	2014
MSc in Computer Science, University of Deusto, Bilbao, Spain	2010 - 2013
MSc in Business Engineering, (Erasmus), Solvay Brussels School, ULB, Brussels, Belgium	2012 – 2013
MSc in Business & Industrial Engineering, University of Deusto, Bilbao, Spain	2010 - 2013
BSc in Computer Science, University of Deusto, Bilbao, Spain	2007 – 2010

## ADDITIONAL EDUCATION

Kotlin for Spring developers, Adevinta company course	2019
Machine learning with Pytorch, Adevinta company course	2019
Machine Learning Specialization, University of Washington, Coursera	2016
Big Data Specialization, University of San Diego, Coursera	2016
Agile PM Foundation Certification, APMG International	2015

Programming Mobile Services for Android Handheid Systems: Concurrency by Vanderbilt University on Coursera	
Bizkaia Talentia Program, Selected because of my skills and academic record.	2013
Software Engineering for Software as a Service, University of California, Berkeley, Coursera	2012
Ingenio: Innovation, Creativity and Entrepreneurship Program, University of Deusto, Bilbao	2011

## TECHNICAL SKILLS

JavaScript, React, Node.js, TypeScript, Ruby on Rails, Kotlin, Golang, Java, Python, HTML5, Angular2+, Bootstrap, SCSS, LESS, CSS3, SEO. Android. MVC architecture. Professional experience in Back-end, Front-end CI & CD. AWS and Heroku. TDD, BDD, DDD. SQL, SQLite, PostgreSQL, MySQL, MongoDB, AWS DB, Elastic Search. Proficient with GIT and SVN. Docker, Kubernetes. AWS Big Data, Tableau, Pentaho and RapidMiner.

# ADDITIONAL EXPERIENCE & AWARDS

<u>Coursera's Global Translator Community (GTC) Volunteer</u>, translate subtitles for course lecture videos.

University of Deusto Business IX Forum Employment and Entrepreneurship Business Simulator winner. 2013

<u>Ironhack program</u> Ambassador at the University of Deusto, helping founders to publicize it in Bilbao. 2014