

# Antonio Olmo Titos

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## About me

I am an **engineering manager**, a **tech lead** and a **software architect** with an MSc in computer science and software engineering and more than **twenty years** of **international experience**.

I have worked in different types of organisations — from a fitness start-up to a worldwide non-profit. I have **led development teams** in several projects from beginning to end, **recruited** and **mentored**, designed APIs and UIs, written web applications, given talks at events, and shared my ideas on blog posts. My colleagues and people who reported to me have usually given quite positive feedback about my **conscientiousness** and **communication skills**. In the last decade I have focused on the **web stack**, web standards, **JavaScript** and UX.

My mother tongue is **Spanish**, but I am also fluent in **English** and **Italian**, and enjoy learning Japanese and German. I was born (and I am currently based) in **Madrid** (Spain) — after having attended college, and worked, in Japan, the UK and Italy.



## Work history



*since Jun 2024*

**Team lead** of a squad of full-stack developers at [osapiens](#)



*Aug 2019 – May 2024*

**Senior software engineer** in charge of front-end architecture at [Devo](#)



*Sep 2022 – Aug 2023*

**Lecturer** at [Universidad Europea de Madrid](#)



*Feb–May 2019*

**CTO in residence** at [7r Ventures](#)



*Aug 2014 – Jan 2019*

**Web developer** at the W3C's Systems Team



*May 2010 – Jun 2014*

**CTO** (previously senior software engineer) at [Cycle-IT](#)

...plus experience in five other roles, going back to 2003 — [see all on LinkedIn](#)

## Formal education

**MSc in CS and Software Engineering** ETSIT, [University of Granada](#) (Spain), 1998–2004

**Socrates/Erasmus grant:** one-year stay, and MSc thesis entitled “*Implementing Malaj: aspect-oriented programming*” [Dipartimento di Elettronica, Informazione e Bioingegneria, Polytechnic University of Milan](#) (Italy), 2001–2002

**MA in Japanese Cultural Studies** [Birkbeck, University of London](#) (UK), 2008–2009

Course: [Common Lisp programming: from novice to effective developer](#), Udemy, 2024

Course: [Learn and Understand D3.js for Data Visualization](#), Udemy, 2023

Course: [The Modern World, Part One: Global History from 1760 to 1910](#), University of Virginia on Coursera, 2023

Course: [Introduction to Data Science in Python](#), University of Michigan on Coursera, 2019

Course: [Principles of Valuation: Time Value of Money](#), University of Michigan on Coursera, 2016

## Skills

**Strong background in formal CS and software engineering**, including computer architecture, low-level programming languages, formal languages, data structures, algorithm theory and complexity, digital imaging and 3D, and software development methodologies and project management.

I love **JavaScript**, and have extensive experience with it, both client- and server-side: [ES2015](#), [TypeScript](#), [Angular](#), [React](#), [Redux](#), [styled-components](#), [jQuery](#), [AMD \(RequireJS\)](#), [Browserify](#), [webpack](#), [JSDoc](#), [Velocity.js](#), [GreenSock](#), [D3.js](#), [Node.js](#), [Koa](#), [Express](#), [Mocha](#), [Jest](#), [Babel](#), [ESLint](#), [Prettify](#), [npm](#), [pm2](#). See [my public npm packages](#).

Complementary **web technologies**: [HTML5](#) and associated [APIs](#) ([canvas](#), [WebGL](#), [web sockets](#), [SVG](#), [history API](#)), [CSS3](#) ([3D transforms and animations](#), [Flexbox](#)), [PWA's](#), [SPA's](#), [responsive web design](#), [Bootstrap](#), [Handlebars](#). See [some of my public demos](#).

I am a strong advocate of **standards**, especially those surrounding the *Open Web Platform*: [Unicode](#), [HTTP](#), [XML](#), [REST](#), [JSON](#), [GraphQL](#).

Other **languages and tools** I have used and feel confident with, to various degrees: [Python](#), [Java](#), [Scala](#), [C/C++](#), [Common Lisp](#), [Google Cloud Platform](#), [SQL](#) ([MySQL/MariaDB](#), [SQLite](#), [PostgreSQL](#)), [noSQL](#) ([CouchDB](#)), [Knex](#), [React Native](#), [regular expressions](#), [Docker](#), [Unix CLI](#) and [shell scripting](#), [Apache HTTP Server](#), [Travis CI](#), [Circle CI](#), [Git](#), [Subversion](#), [Visual Studio Code](#), [Atom](#), [emacs](#), [Eclipse](#), [OpenAPI \(Swagger\)](#), [Figma](#), [Gimp](#), [Inkscape](#).

**GNU/Linux** has been my [OS](#) of choice for all purposes, professional or personal, since I started college. I use (and *produce*) **FOSS** whenever possible. See [my GitHub profile](#).

I enjoy **communicating** ideas related to my work — which I do very often, having [been interviewed](#) and published blog posts (see [a few old ones](#), or read [the last one I wrote](#)). I participate in many **events**, sometimes [giving talks](#) (like [this](#) or [this](#)), and interact with the community on fora like [Hacker News](#) and [Stack Overflow](#).

## Contact

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