

MARCO GALLO

Software Engineer

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I am a Full-Stack developer, I love web technologies and creative coding. Outside of my regular job, I like to study new technologies and approaches to software development. In my spare time, I enjoy to program electronic music with my synths, create generative art with Processing.

/EXPERIENCE

FacilityLive

Pavia / Italy
Oct 2016 - Present

Frontend Developer / Web Architect

I'm part of the Frontend Architecture Team, which is responsible of designing the architecture of FL frontend applications, and their interactions with all the platform's microservices. Our tech stack is based mainly on NodeJS for web servers and tooling, and React for the client app side.

- development and maintenance of a frontend framework composed by 350+ npm modules
- design and development of core parts of our application interface builder
- brainstorming and architecture design for new features requirements
- development of automation testing framework (based on TestCafè)

Spindox

Milan - Turin / Italy
Feb 2013 - Oct 2016

Lead Developer / Architect

I was one of the team leaders of the "Digital Solutions" business unit. Our focus was mainly on developing web and mobile apps for several firms, and providing them consultancy on technical solutions. During my job at Spindox I worked with many technologies, starting from Ruby (with Rails and Sinatra frameworks) to NodeJS and different Javascript frameworks. One of the aims of our team was to provide the architecture for the different solutions developed by the other teams in Spindox.

- design and development of BE / Middleware solutions using NodeJS, Ruby, Vert.x, Docker, NATS
- data modeling and db design of rdbms db (Postgres, Oracle) and NoSQL (Couchbase, MongoDB)
- development of mobile applications (using Apache Cordova, Xamarin)
- IT consultancy for several customers as Ferrari, Reale Mutua, Ferrero, FCA, UNHCR, Valentino.
- coaching and technical management: I did a coaching activity at Spindox North Africa HQ in Tunis
- cloud (AWS / Digital Ocean / Azure), pipeline management (Jenkins / Bamboo)
- development of data-driven applications, using React, Vue, MithrilJS, Angular, D3, SVG, Three.js

VideoPR

Pavia / Italy

Mar 2012 - Feb 2013

Full-Stack Developer

I worked as a full-stack developer for the Lulop DAM (Digital Assets Manager) platform, and related brand websites.

- development and maintenance of the Lulop DAM platform (based on PHP Symfony 2.0 framework)
- concept and development of dedicated solutions for automotive and luxury brands (Ferrari, BMW, Citroen, Pirelli, Yamaha)
- sysadmin and infrastructure design

Eleva

Pavia / Italy

Feb 2011 - Mar 2013

Full-Stack Developer / Web Designer

I worked in Eleva as a full stack developer and web designer for some small/medium-companies websites and e-commerce.

- development and maintenance of the proprietary EasyWeb CMS platform
- e-commerce solutions development in ASP, PHP and Ruby, integration with payment systems as Stripe / PayPal

/EDUCATION

University Of Pavia

Pavia / Italy

2017 - 2011

Degree in Digital Communication

Final degree project : "Nuove tecnologie di sviluppo per applicazioni web cross-device. Studi di progettazione e analisi di casi concreti", an academic study on new web-design techniques used to build cross-device applications for Smartphone / Tablet / Desktop / SmartTV. My project was made in collaboration with Eleva which made me develop the responsive version of 7 Pixel's **Trova Prezzi** platform.

/SKILLS

Tech skills

Frontend Development: React, Redux, Vue, Angular, Mithril, Elm, Svelte, Next.JS, Sapper

Mobile Development: Flutter, Cordova, Xamarin

Backend Development: NodeJS (Express, Restify, Hapi, Polka), Ruby (Rails, Sinatra, Rack), Elixir (Phoenix)

Build tools / Bundlers: Webpack, Rollup, Parcel, Bundler, Rake.

VCS: GIT, Mercurial

Software testing Jasmine, AVA, Jest, RSpec, Cucumber, Testcafé, Selenium.

DBs: PostgreSQL, Couchbase, Redis, MongoDB, MySQL

Web Services interface: GraphQL, REST

Webservers: NGINX, Apache

PAAS: Docker, Kubernetes

Methodologies: Scrum, Nexus

Language Skills

Italian: Mother tongue

English: Advanced

Spanish: Basic