MARCO GALLO

Software Engineer

Pavia / Italy | **Website** | **Github** | **mgallo@linux.com** | **3497118889**

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
desigining the architecture of FL frontend applications, and their
interactions with all the platform's microservices.
Our tech stack is based mainly on NodeJS for webservers and tooling,
and React for the client app side.

- development and manteinance 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), pipelinemanagement
  (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 accademic 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, Testcafè, Selenium. **DBs:** PostgresSQL, 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

I authorize the processing of personal data contained in my curriculum vitae based on art. 13 GDPR 679/16