

# Mattia Malnis

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I am a full stack web developer with seven years of experience, specializing in Ruby on Rails and PostgreSQL. I have honed my skills working on a SaaS e-commerce platform, where I developed effective and robust web solutions. My practical approach and inclination towards teamwork are key elements that I consider fundamental for effective collaboration within a team.

## Professional experience

### Full stack Ruby on Rails developer

Vitamino Srl ([www.vitamino.it](http://www.vitamino.it) - [www.scontrino.com](http://www.scontrino.com))

January 2016 - May 2023

For seven years, I was an integral part of Vitamino, a technology company dedicated to crafting digital commerce solutions. My role was pivotal in the end-to-end development of new features for our diverse range of software products.

This included a SaaS e-commerce platform designed to empower small and medium-sized businesses in carving out their digital footprint. I also contributed to the creation of a multichannel management system, a tool designed to streamline the sales process across various platforms such as Scontrino, eBay, and Etsy. In addition, I was involved in the development of institutional websites.

### SaaS e-commerce platform

Scontrino ([www.scontrino.com](http://www.scontrino.com)) is a user-friendly e-commerce platform that helps businesses build an online store.

Throughout my involvement, I managed various critical aspects of the platform:

- Payment gateways: I successfully integrated various gateways, including Stripe, Nexi, PayPal Checkout, Soisy, Scalapay, and Satispay, ensuring secure and flexible payment options;
- Theme development: I developed multiple themes for our clients, meticulously optimizing the code to ensure high performance;
- Restful API: I implemented Restful APIs for product synchronization and order management on each website;
- Subscription management: I managed the subscriptions through Stripe, facilitating secure payments via credit card or SEPA, adhering to Italian regulations on electronic invoicing;
- Newsletter: I collaborated on the development of a Newsletter creation system, utilizing AWS SES for email delivery.
- Hosting: The platform is hosted on Heroku. I contributed to the development of a caching system based on Redis, optimizing performance and reducing server load;
- Updates and Refactoring: I handled the platform's updates from Ruby 1.9 to 3.x and Rails 3 to 7, rewriting significant portions of legacy code;
- Technical Support: I dedicated an average of one hour per day to provide technical assistance to clients on matters such as email and domain management and platform-related bugs.

I have worked on projects such as [www.timesport24.it](http://www.timesport24.it), [www.verditerre.com](http://www.verditerre.com), [www.melissamatt.it](http://www.melissamatt.it), [www.ottagonoretro.it](http://www.ottagonoretro.it)

### Multichannel management system

The multichannel management system seamlessly synchronizes products and imports orders from online channels (Scontrino, eBay, Etsy). Moreover, it facilitates point-of-sale inventory management, shipping label printing, and invoices creation.

I had the opportunity to work on various aspects:

- eBay Traditional API: I contributed to the implementation of the eBay Traditional API, ensuring efficient synchronization of products and orders;
- Etsy API V2: I implemented the product and order synchronization using Etsy's API V2;
- Shipment Management: I implemented the parcel booking system with the courier through APIs. Label printing was seamlessly integrated into the management system through QZ Tray;
- Hotwire Migration: Initially, this management system was built using React JS. Over time, this technology became increasingly challenging to maintain. I had the opportunity to completely rewrite the front-end interface code, replacing React with Turbo + Stimulus JS.

I have worked on projects such as [www.timesport24.it](http://www.timesport24.it), [shop.elvislives.it](http://shop.elvislives.it), [www.mixoshop.it](http://www.mixoshop.it)

## Institutional Websites

I actively contributed to the development and maintenance of institutional websites, meticulously coding with a focus on optimization and SEO. All the websites were hosted on a VPS using Dokku, streamlining deployment and management operations.

I have worked on projects such as [www.centromedicoesperia.it](http://www.centromedicoesperia.it), [www.mymedsrl.it](http://www.mymedsrl.it), [www.aiofvg.it](http://www.aiofvg.it)

### Junior web developer

Fuel Sas ([www.addfuel.it](http://www.addfuel.it))

November 2012 - December 2015

As a web developer for three years, I specialized in PHP, MySQL, and Bootstrap, focusing on creating responsive institutional websites.

## Skills

- **Programming Languages:** Ruby, JavaScript, HTML, CSS
- **Frameworks/Libraries:** Ruby on Rails, jQuery, Hotwired: Stimulus JS + Turbo, basic knowledge of ReactJS
- **Databases:** PostgreSQL, MySQL, Redis
- **Cloud Services:** Amazon Web Services (S3 – SES), Cloudflare, Heroku, DigitalOcean
- **Development Practices:** Agile Kanban, RSpec for testing
- **Software and Tools:** Microsoft Visual Studio Code, Git, Dokku, Adobe Photoshop/Illustrator
- **Soft Skills:** Teamwork, problem-solving, time management, adaptability and flexibility, attention to detail

## Certifications

Elixir and Phoenix Bootcamp

Udemy

May 2024

AWS Cloud Practitioner Course

Udemy

January 2024

Testing Ruby with RSpec

Udemy

December 2023

## Languages

Italian (Native)

English (B2)

## Education

High School Diploma in Accounting and Commercial Expertise and Programming

ITC Marchesini – Italy

2011

English course

Cork English College – Cork, Ireland

October – December 2023

## Recent projects

[www.inborc.it](http://www.inborc.it): This is a reservation system for a local ice cream shop. The project was successfully implemented using a technology stack that includes Ruby on Rails, Hotwired, and PostgreSQL. This platform has significantly streamlined the booking process, enhancing customer experience and operational efficiency.

[www.lem-elementi.it](http://www.lem-elementi.it): LEM is a company that manufactures furniture components. For this project, I utilized Grav, an intuitive and powerful Flat-File CMS. This solution has empowered the client with the ability to independently manage the site's pages and content, thereby offering them greater control and flexibility.