

Mattia Malnis

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I am a full stack web developer with 7+ 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 - www.scontrino.com)

December 2015 - May 2023

For more than 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) 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, 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.

Some e-commerce projects built with Scontrino: www.timesport24.it, www.verditerre.com, shop.elvislives.it, www.melissamatt.it, www.ottagonoretro.it, www.lapillus.it, shop.crazycatcafe.it, www.feboutique.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.

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.

Junior web developer

Fuel Sas (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, Hotwire: Stimulus JS + Turbo, TailwindCSS, 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: 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, Hotwire, and PostgreSQL. This platform has significantly streamlined the booking process, enhancing customer experience and operational efficiency.

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.

www.ranzano.org: "Associazione Organizzatori Ranzano" is a local organization I've been connected to since childhood. The site is static and doesn't require frequent updates, so I opted to use Gulp.js to streamline the development process. Additionally, I utilized Cloudflare to optimize caching and enhance site performance.