

MY WORK EXPERIENCE

DEESUP (02/2022 - Today)

I work full-time in Milan as Full-Stack Web Developer at Deesup.

I have taken on the responsibility of being the main contributor of the front-end part of the ecommerce platform https://www.deesup.com/.

I carry out front-end, back-end and DevOps tasks throughout the company's infrastructure on a daily basis, including:

- Front-end development using NuxtJS & ExpressJS frameworks and the language.
- Back-end development with Vendure.io, a framework witch extends **NestJS** to expose some GraphQL API, oriented towards e-commerce.
- Create, maintain, and operate CI/CD on Google Cloud using services such as Cloud Run, Compute Engine, SQL DB, and Cloud Storage.
- Migration of all services from GC to AWS, maintenance, and CI/CD operations on AWS using services such as App Runner, EC2, EKS, ECR, and AWS Bucket.
- Development of customisable AngularJS CMS exposed by **Vendure**.
- Development of a RaaS platform, a dedicated service for various Design brands.
- GraphQL APIs infrastructure development using Apollo.
- External CMS/CRM integration such as **Hubpot**, **Strapi**, and **Mailchimp**.
- Tracking services development, such as Google Analytics 3-4 and Pixel Facebook.
- Development of proprietary cache services using the **Fastify** framework integrated with Redis.
- Development of integrations for various payment providers including PayPal, Braintree, Stripe, Scalapay.
- I have developed and published an open-source plugin that integrates Scalapay within the Vendure framework (vendure-scalapay).

Lorenzo Rottigni

Full-Stack Web Developer

I'm a young programmer specialized in platforms and web services developments.

I like to work in a dynamic environment in which to share experiences, in order to grow both, personally and professionally.

MY WORK

I have a practical and theoretical knowledge of web structure and its functioning.

During my path I worked both on the applicative and infrastructural level, developing different projects with a variety of technology stacks.

FRONT-END

On a daily basis I work with HTML, CSS & JavaScript to develop front-end and back-office interfaces; I'm oriented towards VueJS/NuxtJS environment.

BACK-END

In the backend area I mainly use Python and NodeJS with their main frameworks / ORMs (ExpressJS, NestJs, Flask, SQLAlchemy, Celery, Prisma, TypeOrm, ...).

DEV-OPS

In the majority of my projects I use **GitLab** to run **CI/CD** operations through gitlab-runner. I support the subdivision in virtualised microservices provided by **Docker** to deploy and maintain platforms.

CLOUD SERVICES

I had the chance to work with variety of cloud services: shared hosting, VPS & dedicated servers.

I configured and handled dedicated servers in corporate area using innovative solutions such as **Cloud Run** with platforms like **Google** Cloud & AWS.

I currently own 3 VPS on which I deployed private services that I use daily (mail servers, storage, websites, ...).

NETWORKING

I had to deal with the majority of TCP/IP protocols such as HTTP(S), SSH, (S)FTP, SMTP, IMAP, POP3, TELNET, and more.

I'm capable of designing scalable networks using a software named Cisco Packet Tracer.

SOME OF MY TOOLS











































EDUCATION

IT Graduation

ITIS Einstein - Vimercate(MB)

CISCO

- Stage at Cisco (10/2018 06/2019)
- Cisco IT Essentials Certification (05/2019)
- Cisco CCNA Certication (06/2020)

BOOLEAN ACADEMY (08/2021 - 02/2022)

700+ hours intensive programming course whose purpose is to train Full-Stack web developers through daily and professionalizing theoretical and practical lessons.

DATA SCIENCE BOOTCAMP (04/2023 - 06/2023)

Course of Machine Learning and Deep Learning in English language, lasting approximately 30 hours, which allowed me to integrate Data Science into my work and deepen my knowledge of analytical mathematics, a subject that has always fascinated me.

The course is developed in Python language and covers the following libraries: NumPy, Pandas, Seaborn, Matplotlib, Plotly, Scikit-Learn, Tensorflow, and Spark.

NLP UDEMY COURSE (07/23 - 09/23)

Course of Natural Language Processing in English language, equipping me with expertise in Pythonbased NLP techniques. This comprehensive program covered a range of topics, including text and PDF file manipulation, regular expressions, Part-of-Speech tagging, named entity recognition, and advanced sentiment analysis using neural networks.

The course is developed in Python language and covers the following libraries: NumPy, Pandas, **Spacy**, **Scikit-learn**, **NLTK**, and **Keras**.

I 🛡 DOCKER

Docker is more than a tool for me; it's a passion. Every facet of my work thrives within Docker's containerized environment. With a profound understanding of its intricacies, I leverage Docker to streamline development, enhance portability, and ensure seamless deployment.

As a staunch advocate of Container as a Service (CaaS), I recognize transformative power it holds in modern development pipelines.

ROTTIGNI.TECH

As a proficient web developer, I created and manage the web ecosystem on rottigni.tech. I purchased the wildcard for the rottigni.tech domain where I registered a series of services entirely built by me:

- www.rottigni.tech: A comprehensive landing page website, strategically designed to serve as a gateway to various services, enhancing accessibility and SEO optimization.
- cv.rottigni.tech: Website containing my CV in A4 format designed to be exported as a PDF file.
- portfolio.rottigni.tech: A showcase of my portfolio, exemplifying one of my proudest accomplishments. Explore to witness a diverse range of projects.
- storage.rottigni.tech: A high-speed static content provider, integral to the rottigni.tech ecosystem for optimized content delivery.
- smtp.rottigni.tech: The dedicated rottigni.tech SMTP server, facilitating seamless email communication within the ecosystem.
- sentry.rottigni.tech: Leveraging Grafana and Prometheus, this service ensures real-time monitoring of servers and services through node-exporter and blackbox-exporter.
- **jupyterhub.rottigni.tech**: A fully dockerized (**docker-swarm**) **Jupyterhub** instance, harmoniously integrated with a **GitLab** repository for persistent data storage. This allows for the availability of notebooks via my portfolio website, synchronized daily through an automated cronjob (dynamic seeder).

Furthermore, I maintain a dedicated test environment for streamlined one-shot deployment of my ongoing projects, demonstrating a commitment to efficient development practices.

This ecosystem encapsulates my expertise in web development, showcasing a diverse skill set in designing and implementing arange of services to enhance accessibility, functionality, and user experience.

OPEN-SOURCE

I hold a deep appreciation for the open-source ethos, valuing its collaborative spirit and commitment to shared knowledge. While I haven't contributed directly to major projects, I've created opensource plugins for existing software, like the vendure-scalapay npm plugin. Moreover, I actively engage in discussions to troubleshoot and find solutions in collaboration with open-source creators. This reflects my belief in the importance of an open community, where knowledge and innovation flow freely.

CONTACTS

- CONTACTS
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- gitlab.com/LorenzoRottigni

INFO

- Born in Monza (MB) on 12/24/2000
- Resident in Burago di Molgora (MB)
- Marital status unmarried
- A-B driving licenses
- Spoken languages: -





I authorize the processing of personal data contained in my curriculum vitae, in compliance with applicable data protection laws and regulations.



