

Luca Raveri

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Summary

I am a passionate software engineer with a deep interest in new technologies and a strong technical vision that enables me to design and implement secure and scalable software solutions.

Experience

PLANK ITALY S.P.A.

Nov 2024 – Present

Software Engineer

Venice, Italy

- Analyzed legacy applications to identify performance bottlenecks in architecture, database structure, and SQL queries. Built a cost-effective, self-hosted monitoring solution using Grafana, Loki, Prometheus, and Alloy, reducing Mean Time to Detect and Resolve from 2 days to 30 minutes.
- Built a new scalable API using Laravel from scratch, significantly improving backend response times, system scalability, and delivery speed. Managed AWS infrastructure and coordinated a small team of three engineers during development.
- Integrated modern React interfaces into a legacy CRM using libraries such as AG Grid, Shadcn UI, and TanStack Query. Enhanced user engagement significantly, leading to increased client demand for new features.
- Mentored an intern to build a Playwright-based end-to-end testing application, automating manual tests previously performed by five team members for one hour each release, significantly reducing manual testing effort and speeding up release cycles.

JAKALA S.P.A.

Feb 2023 – Nov 2024

Software Engineer

H-Farm, Italy

- Developed and maintained a backend Java Spring Boot application for a major fintech client, independently managing code delivery. Increased test coverage to 80%, optimized performance of critical services by up to 75% through parallel programming, and implemented log analytics dashboards in Splunk.
- Led development of a custom middleware platform for e-commerce integrations, handling multiple API types (GraphQL, REST, SOAP) and various authentication methods. Built a scalable, event-driven, multi-module, multi-tenant Laravel application. Managed AWS architecture and established a robust monitoring and alerting system using CloudWatch.

Creative Projects

SandMill App | React, Laravel, GenAI

2025

- Co-founded and currently developing an application to simplify marketing automation workflows using AI.

gptDelivr | Node.js, OpenAI, RAG

2024

- Developed an open-source, no-code solution allowing users to quickly integrate Retrieval-Augmented Generation (RAG) chatbots powered by OpenAI into their websites.

lucaraveri.com | React, Next.js

2023

- Built a personal website showcasing projects and integrating a custom chatbot built with gptDelivr.

Education

H-Farm Business School

Jul 2024

Master in Emerging Technologies in Business

University of Trieste

May 2023

Master's Degree in Computer Engineering

University of Padua

Sep 2019

Bachelor's Degree in Computer Engineering

Technical Skills

Languages: JavaScript, PHP, Java, SQL

Technologies: AWS, Node.js, Laravel, React, Next.js, TypeScript, Spring, MySQL, Postgres, Redis, Docker