

Michele Cianni

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Experience

Giuffrè Francis Lefebvre [🔗](#), Backend Developer

- Developed and maintained a web-based management system for drafting legal documents, used by over **15,000 lawyers** in compliance with the requirements of the Italian Ministry of Justice.
- Optimized and refactored **REST APIs** in Java 17 (Javalin), reducing response times by **23%**, and defined new shared **API contracts** with the frontend team to support the migration from Alpaca Forms to **React**.
- Introduced a three-tier **Gitflow branching strategy** (development, beta, production) into a workflow previously based on a single main branch, ensuring consistent versions across environments and drastically reducing deployment conflicts.
- Authored **Swagger API documentation** and promoted **pair programming** sessions, cutting onboarding time for new developers in half.

Macerata (MC), Italy
2023 – 2024
2 years

C.T.F. Automazioni [🔗](#), Software Developer

- Developed a full-stack management system with **.NET**, **MVC**, and **Microsoft SQL Server** to digitize company visit tracking, replacing a manual registration process.
- Designed a **Windows Forms** interface for real-time visualization of data from a robotic screen-printing system, enabling operators to respond promptly to production anomalies.

Matelica (MC), Italy
2022 – 2022
3 months

Education

Università di Camerino [🔗](#), Computer Science

- Transferred the degree path to Università Telematica Pegaso to balance work and study.

2019 – 2026

BS [🔗](#) Università Telematica Pegaso [🔗](#), Artificial Intelligence

2026 – present

Projects

G&M Escavatori [🔗](#)

- Full-stack architecture with **Next.js 16** (App Router), **React 19**, **TypeScript**, and **Tailwind CSS 4**, using static site generation (**SSG**) to maximize performance (Lighthouse target > 95)
- Dynamic product catalog (~15 items) with statically generated pages, category filters, and detail pages featuring technical specifications and price comparisons
- Integrated contact system: forms with client/server validation (**Zod + React Hook Form**), transactional email delivery via **Resend**, and product-specific WhatsApp CTAs
- Mobile-first responsive** design with a custom UI component library, sticky navigation with hamburger menu, and a floating WhatsApp FAB
- Deployed on **Vercel** with automated **CI/CD**, integrated analytics, and image optimization (WebP/AVIF)
- JSON-based flat-file CMS, designed to be easily migrated to a **headless CMS** (Sanity/Strapi) as the catalog grows

2026

Ledershow [🔗](#)

- Designed and developed a modern, responsive company website using **Next.js 16**, **React 19**, and **TypeScript**.
- Built a scalable **App Router** architecture with reusable components, focusing on performance, **SEO**, and maintainability.
- Implemented multilingual support with **next-intl** and custom UI styling with **Tailwind CSS v4**.
- Developed product catalog and corporate pages to showcase industrial machinery and company services.
- Created a contact form with shared **Zod** validation and email delivery integration via **Resend**.
- Delivered the full user experience end-to-end, including content structure, mobile navigation, and legal pages.

2026

Duana [🔗](#)

- Developed a **CLI disk usage analyzer** in **C** for Linux featuring recursive directory traversal, extension filtering, sorting options, and **JSON export** with atomic writes and signal handling.

2025

JBudget [🔗](#)

- Developed a **Java** application for household budget management using **MVC**, **SOLID principles**, and design patterns (Observer, Strategy, Factory, Repository) to track transactions, plan future expenses, and analyze spending trends.

2025

Grade Submissions System [🔗](#)

- Implemented a secure server with **RESTful** and **layered architecture** to manage grade submissions efficiently. Used **Spring Boot** and **PostgreSQL** to store and retrieve data while ensuring integrity and security.

2023

Certifications

Claude Code - The Practical Guide

[Udemy \[🔗\]\(#\)](#)

The Complete Spring Boot Development Bootcamp

[Udemy \[🔗\]\(#\)](#)

Advanced Java Topics: Java Reflection - Master Class

[Udemy \[🔗\]\(#\)](#)

Java Multithreading, Concurrency & Performance Optimization

[Udemy \[🔗\]\(#\)](#)

Skills

Languages: Java, C#, TypeScript, JavaScript, Python, C, SQL, HTML, CSS, UML

Frameworks & Libraries: Next.js, React, Tailwind CSS, Javalin, Spring Boot, .NET, JUnit, Mockito

Databases & Infrastructure: PostgreSQL, Docker, Kubernetes, Jenkins, SonarQube, Maven, Gradle

Tools: Git, GitLab, GitHub, JetBrains IDEs, Visual Studio Code, Postman, Swagger, Jira, Confluence, Slack

Methodologies: OOP, TDD, CI/CD, Design Patterns, SOLID Principles, Agile, Scrum, Kanban, MVC, Microservices, RESTful, SOAP

Spoken Languages: Italian (Native), English (B2)