SOFTWARE DEVELOPER / PISA, ITALY

Danilo Cappelletti

6+ years / Enterprise web & research tools

I build React and Vue applications, from enterprise workflows to tools for papyrus reconstruction.

View My Work ↓ | Get In Touch ✉

Online portfolio: https://danilocappelletti.github.io/personalPortfolio/

SELECTED WORK

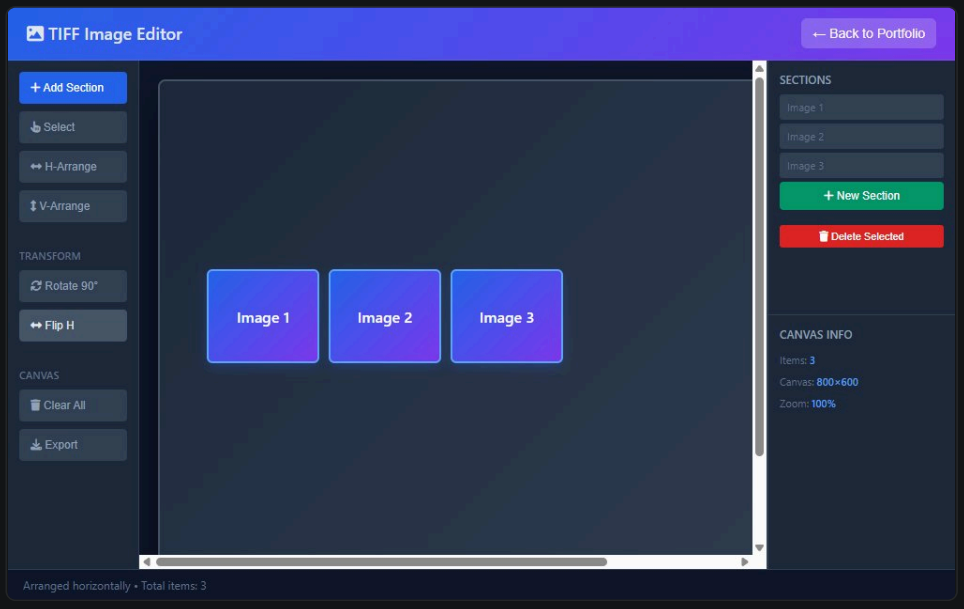
Real problems. Practical solutions.

01 / Research tooling / Sole developer

TIFF Image Editor

A specialist tool for arranging very large scans and reconstructing damaged papyri.

EU SEAL OF EXCELLENCE



Browser demo of the interface using placeholder images, not the production Python application.

01 The problem

The research team needed software that could handle very large image files and automatically arrange them for papyrus reconstruction.

02 My role

I was the only developer. I built the editor in Python, with tools for arranging and stitching images and measuring them precisely.

03 Technical trade-off

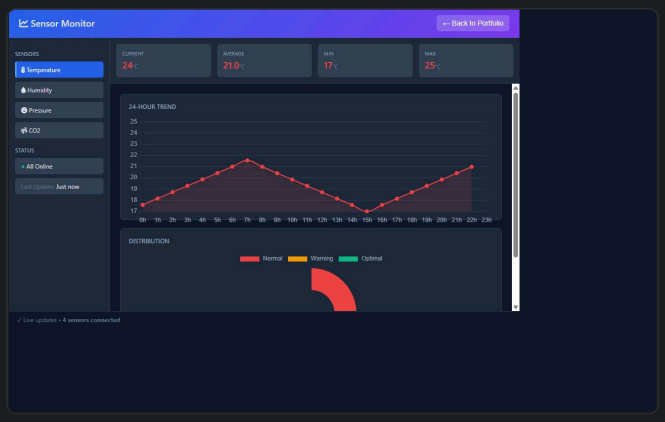
Navigating very large source files is slow. The design uses reduced-resolution previews for navigation and keeps the original data for export, so the interface stays responsive without losing detail in the output.

04 The result

The project received the EU Seal of Excellence in recognition of its quality, but was not funded because no funds were available.

Python · Pillow · Tkinter · PyInstaller

Open interface demo →



Test project · browser demo with sample data

02 / Test project

Sensor Monitor

Test project: a Vue 3 + TypeScript dashboard for practising IoT sensor monitoring, with sample data, charts and responsive tables.

Vue 3 · TypeScript · Chart.js · Tailwind

Explore the demo →

03 / Personal full-stack project

GymBuddy

A personal project built to try out Next.js and Prisma: a booking platform with a credit system, instructor management and detailed reporting for classes and activities.

- Activity & class bookings
- Credits & payment workflows
- Instructor management & reporting

Next.js · TypeScript · Prisma · PostgreSQL · Stripe · Tailwind

View the source code

A BIT ABOUT ME

About Me



Software Developer based in Pisa, Italy

I'm a software developer based in Pisa with over six years of experience. I've built React and Node.js applications at Apparound, Vue.js applications at Stetel, and specialist tools in Python.

I've worked with product and design teams on enterprise software, and I was the sole developer of the TIFF editor. I like turning a specific, difficult workflow into software people can actually use.

6+	4	8+
YEARS EXP.	COMPANIES	TECHNOLOGIES

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WHAT I WORK ON

Skills in Practice

01 **Frontend systems**

Reusable components, responsive layouts and REST API integration for enterprise web applications.

React · Vue · JavaScript · HTML / CSS / SCSS · Docker

Apparound & Stetel →

02 **Full-stack workflows**

Booking interfaces connected to data models, credits and payments, in a personal full-stack project.

Next.js · TypeScript · Node.js · Prisma · PostgreSQL · Stripe

See GymBuddy →

03 **Specialist tools**

Arranging very large images and measuring them precisely for papyrus reconstruction; charts and dashboards from test projects.

Python · Pillow · Tkinter · Vue 3 · Chart.js

Read the TIFF case study →

Languages

JavaScript · TypeScript · Python · HTML5 · CSS3 · SCSS

Frameworks & libraries

React.js · Next.js · Vue.js · Node.js · Tailwind · Chart.js · Tkinter · Pillow

Tools & platforms

Docker · PostgreSQL · Prisma · Stripe · REST APIs · WordPress · PyInstaller

WHERE I'VE WORKED

Work Experience

Software Developer

Stetel Srl · Livorno, Italy

November 2025 – June 2026

Designed and built responsive web applications on a Vue.js architecture, writing clean, modular JavaScript that scales over time. Managed Docker-based development environments to keep local and production workflows aligned, and integrated REST APIs while collaborating in an agile team.

Vue.js | JavaScript | Docker | REST APIs | Agile

Software Developer

Apparound SpA · Pisa, Italy

September 2022 – September 2025

Developed and architected enterprise-grade full-stack applications with React.js on the front end and Node.js on the server. Designed and integrated REST APIs for efficient client–server communication, coordinated technical work across cross-functional teams, and delivered secure, optimised code to strict enterprise standards.

React.js | Node.js | JavaScript | REST APIs

Web Developer

Unikey Corporation · Pisa, Italy

September 2020 – September 2022

Managed, customised and maintained WordPress-based websites and ecosystems. Optimised performance and load times with hand-written HTML, CSS and Vanilla JavaScript, built responsive UIs with React.js, and partnered with product and design teams to turn requirements into accessible, high-performing web experiences.

WordPress | HTML/CSS | Vanilla JS | React.js | Performance

Web Developer

JC Management · Dubai, UAE · Remote

May 2021 – August 2022

Built interactive, reusable front-end components with React.js and core JavaScript. Implemented pixel-perfect designs with advanced HTML5/CSS3 and ensured smooth, responsive experiences across mobile, tablet and desktop — working fully remote for a Dubai-based client.

HTML5 | CSS3 | JavaScript | React.js | Remote

MY BACKGROUND

Education

Scientific High School Diploma

Liceo Scientifico · I.S.I.S. "Zuccarelli" · Manciano, Italy

FINAL GRADE **98 / 100** EQF 4

- Mathematics & Physics — calculus, algebra, geometry, scientific method
- Logic & Problem Solving — rigorous analytical reasoning and data modelling
- Humanities & Languages — Italian, English, philosophy, critical thinking

Languages

Spoken & Written

IT	Italian	NATIVE
GB	English	PROFESSIONAL
PL	Polish	CONVERSATIONAL

LET'S TALK

Get In Touch

Have a project or an idea? Send me a message and let's talk about it.

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+39 345 806 2933

LOCATION
Pisa, Italy