NICOLA BUOMPANE

Frontend developer. I build web apps and, lately, iOS apps.

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PROFILE

Frontend developer with five years in production. At Cineca I build the frontend of national platforms for Italian universities: Angular, TypeScript and a lot of care for performance and tests. After hours I build whole products on my own, from the interface to the database: the platform behind a village sports festival, an order system for bars and Rallymate, my first iOS app in SwiftUI. I use coding agents every day; what ships I read and decide myself.

EXPERIENCE

Frontend Developer · Cineca

Apr 2022 – now

Naples · hybrid · First through Modis, then hired directly by Cineca in April 2023.

I build the frontend of national platforms for Italian higher education.

- **National Medical Exams Platform.** I designed and built the full frontend of the digital marking system for the national medical school admission exams, with real-time validation across concurrent sessions. It went live on the national exams with no downtime.
- **Student Attendance Dashboard.** I turned a manual university process into responsive screens for admin staff on desktop and tablet.
- **Performance & Quality.** I cut initial load time with code splitting and lazy loading, and set the testing and code review standards for the frontend team.

Angular 14+ · Vue.js · TypeScript · RxJS · SCSS · GitLab CI/CD

Full Stack Developer · Spindox

May 2021 – Apr 2022

Remote · via Modis

I built software for the automotive sector, end to end.

- **Automotive frontends.** I built React frontends on top of NestJS services.
- **From requirements to the cloud.** I owned the full cycle, from requirements to cloud deployment, with automated tests in Jest.
- **Distributed teams.** I worked with international teams across several time zones.

React · NestJS · Node.js · MongoDB · Jest · Docker

SKILLS

	Web 5 years	**iOS** side projects
Language	TypeScript, JavaScript	Swift
UI	Angular, React, Vue.js	SwiftUI, Liquid Glass
Architecture	RxJS, Signals, NgRx	MVVM, async/await
Testing	Jest, Jasmine	Swift Testing, XCTest
Backend	Node.js, NestJS	Supabase, pgTAP
Also	HTML, CSS/SCSS, Tailwind CSS, Material UI, accessibility (WCAG), PostgreSQL, MongoDB, Git, GitLab CI/CD, Docker, Agile/Scrum	

PROJECTS

Rallymate

Oct 2026 – now

Solo — product, design, iOS and backend · In development · TestFlight soon · iPhone · iOS 26

An iPhone app where friends log padel doubles set by set and get a league table nobody can argue with.

- **172** pgTAP assertions on the database rules, in 14 suites
- **57** Swift tests on view models, scoring and photo cropping

SwiftUI · Liquid Glass · MVVM · Swift Concurrency · Supabase · Postgres

nicolabuompane.dev/en/projects/rallymate

La Fossa Events

Jun 2026 – now

Sole developer, co-organizer · In production · 2 editions run on it · Web · desktop, tablet and phone

The platform behind a local sports festival I co-organize — a management app for the staff and a public site where players sign up and book the pitch.

- **514** pgTAP assertions on the database rules, in 39 suites
- **640+** Vitest tests across the two apps

Next.js · React · TypeScript · Supabase · Postgres · TanStack Query

nicolabuompane.dev/en/projects/la-fossa-events lafossagames.com

Comande

Aug – Sep 2026

Sole developer · Deployed · venue rollout pending · Web · installable on the phone (PWA)

One small ordering app, reused three times — from a bar's stock register to the orders of a lounge bar — by keeping the stack and rewriting the domain on purpose.

- **354** pgTAP assertions on the database rules, run in CI on every push
- **0** Supabase security and performance advisor errors allowed — the build fails on the first one

Next.js · React · TypeScript · Tailwind · Supabase · Postgres

nicolabuompane.dev/en/projects/comande

EDUCATION

Bachelor's degree in Computer Engineering · eCampus University — 2018 – 2021

Front End React Developer academy · Modis — 2021

Full Stack Web Developer bootcamp, 6 months · Boolean — 2020

Flutter certification, Become a Flutter Dev · The Arrogant T-Rex — 2024

LANGUAGES

Italian — native

English — B2