

Federico Ordonselli

Junior Full-Stack Developer | React, Next.js, TypeScript, Node.js

Rome, Italy · Open to travel and relocation

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Portfolio: ordonselli.info

GitHub: github.com/Federico-Ordonselli · GitLab: gitlab.com/Federico-Ordonselli

LinkedIn: linkedin.com/in/federico-ordonselli-aa7363226



PROFILE

Junior developer with personal full-stack projects and a bilingual website delivered and live for a real client. I work mainly with React, Next.js, TypeScript and Node.js, building user interfaces, APIs and PostgreSQL databases.

On the client project I handled requirements gathering, development and launch, adapting the site as the client's needs changed. My CompTIA Security+ and CySA+ certifications add a solid grounding in cybersecurity. I'm looking for a junior role where I can contribute to development and grow my skills through mentoring and code review.

PROJECTS

Vagabondando — website for a trekking guide

Client project · Live: vagabondando.site

Key technologies: Next.js, React, TypeScript, Tailwind CSS, Sanity, Vercel.

- Gathered requirements directly with the client and built a site in Italian and English. Content can be edited through Sanity Studio, with no code changes required.
- Managed deployment, domain, DNS and contact-form email delivery. Set up multilingual SEO and responsive images.
- Built the contact form with spam and duplicate-submission protection, error handling and automated tests. Set up a GitHub Actions pipeline running code checks, tests and builds before each release.
- Developed a first version with bookings and Stripe payments, a PostgreSQL database and an admin area. Verified the full flow end-to-end in test mode, including deposit, balance and availability handling.
- Converted the e-commerce site into a showcase site after the client dropped online payments. Also built a WordPress/Elementor version and a tested script to migrate the content.

Matchday — simulated sports betting platform

Personal project · Demo: matchday-web-plum.vercel.app · Code: gitlab.com/Federico-Ordonselli/matchday

Key technologies: React, Angular, TypeScript, Node.js, Express, PostgreSQL, Drizzle ORM.

- Built an application with a React front end, an Angular operator dashboard and a Node.js/Express REST API.
- Implemented database-backed odds and back-office sessions, with HttpOnly cookies, CSRF protection and input validation.
- Organised the work with Gitflow and merge requests. Configured a GitLab CI pipeline with tests and security checks; shipped release v1.0.0.

Runebog — campaign manager for tabletop role-playing games

Personal project · Demo: runebog.app

Key technologies: Next.js, React, TypeScript, PostgreSQL, Drizzle ORM, Auth.js.

- Built an installable PWA with OAuth sign-in and cloud data sync.
- Developed an SVG map editor and a deterministic dungeon generator.
- Wrote a suite of 104 automated tests covering input sanitisation, XSS prevention and dungeon generation.
- Checked colour contrast against WCAG criteria across 12 themes and handled concurrent edits with optimistic concurrency control.

WORK EXPERIENCE

ICTS Italia — Airport Security Officer

2023 – 2025 · Rome Fiumicino Airport

- Monitored control systems in a 24/7 operational environment.
- Handled critical situations following defined procedures, including escalation and reporting.
- Worked under pressure with strict attention to procedural compliance and operational accuracy.

TECHNICAL SKILLS

Front end: TypeScript, JavaScript, React, Next.js, Angular, HTML, CSS, Tailwind CSS; internationalisation, accessibility and technical SEO.

Back end and databases: Node.js, Express, REST APIs, PostgreSQL, Drizzle ORM, SQLite, Redis; input validation, transactions and concurrency handling.

CMS and services: Sanity, WordPress, Elementor, Stripe, Vercel, Neon, Upstash, Resend, Clerk, Auth.js and OAuth.

Testing and quality: Vitest, React Testing Library, Cypress, Playwright, TDD; automated type, lint and build checks.

Application security: XSS and CSRF prevention, session protection, rate limiting, SAST checks and secret detection in code.

Tools and environment: Git, GitHub Actions, GitLab CI/CD, Docker, Linux and Bash.

AI-assisted development: using Claude Code with written specifications, reviewing changes and verifying them through tests and CI.

CERTIFICATIONS

- **CompTIA CySA+ — CS0-003** · January 2026
- **CompTIA Security+ — SY0-701** · October 2025
- **IBM Data Analyst Professional Certificate — Coursera** · August 2025
- **Meta Front-End Developer Professional Certificate — Coursera** · in progress

EDUCATION

Scientific High School Diploma — Applied Sciences track

Liceo Scientifico A. Labriola, Rome · Computer Science as a core subject

LANGUAGES AND OTHER INFORMATION

Italian: native · **English:** C1 · **Driving licence:** Category B

I authorise the processing of the personal data contained in this CV pursuant to EU Regulation 2016/679 (GDPR) and Italian Legislative Decree 196/2003.