

Sebastian Sanjorge

Fullstack Engineer · Frontend-Oriented | React · Next.js · TypeScript · Node.js

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Video introduction (35s): youtube.com/watch?v=qIBhpazVkCQ

PROFESSIONAL SUMMARY

Fullstack Engineer with a strong frontend orientation, specialized in building scalable, production-ready applications using React, Next.js, and TypeScript. Experienced in frontend architecture, microfrontend systems, and backend integration (Node.js, Express, PostgreSQL). Proven track record in international environments, contributing to technical decisions and delivering end-to-end features on mission-critical platforms.

EXPERIENCE

Frontend Engineer – IPH (Spain) | May 2024 – Feb 2026 (Contracted via consulting firm)

Real-time geolocation and traceability platform for mission-critical underground mining operations. Cross-functional team of 15 engineers, international agile environment.

- Developed scalable UIs within a microfrontend architecture, enabling modular deployments and independent feature delivery across teams.
- Architected and implemented a full RBAC authorization system from scratch across routes and components, coordinating with backend on API design — became a core component of the platform's security layer.
- Mentored team members on RBAC patterns and frontend architecture practices, improving consistency in implementation across the codebase.
- Optimized rendering and state management, eliminating unnecessary re-renders in critical views and improving responsiveness during real-time updates.
- Applied TDD using Vitest and React Testing Library, reducing regression issues and increasing confidence in production releases.
- Actively contributed to technical decision-making and feature design, including accessibility standards and CI/CD workflows, within a cross-functional agile environment.

Freelance Frontend Developer | 2023 – Present

Web development for two independent clients — both sites live in production.

- Designed, developed, and deployed a React + Sass web application for a psychology practice: custom UI design, routing, and contact form integration — live in production since launch.
- Built a complete website for a personal injury law firm using HTML, CSS, and JavaScript: full visual design, responsive layout, and lead capture functionality — actively maintained and in production.
- Managed full project lifecycle end-to-end — requirements, design, development, deployment, and ongoing support — working directly with clients to translate business needs into production-ready solutions.

Frontend Lead – Emergency Vet Platform (Team Project) | 2024

Graduation project at Henry Bootcamp. Team of 8 (4 frontend, 4 backend). Next.js · TypeScript · Tailwind · Socket.io · Leaflet · Zustand · Stripe.

- Led frontend team as main technical reference: defined folder structure, enforced code quality standards, and conducted code reviews throughout the project.
- Implemented real-time emergency request system using Socket.io: users could trigger alerts that instantly notified registered vet clinics, opening a live chat session.
- Built interactive map with Leaflet displaying nearby veterinary clinics, with animated detail views showing schedules and available services.
- Delivered final live presentation and handled technical Q&A on behalf of the team.

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, Tailwind CSS, MUI, Zustand, Sass

Architecture: Frontend Architecture, Microfrontends (Module Federation), SPA, modular design, scalable frontend systems

UI & Styling: Pixel-perfect implementation, responsive design, design systems, Figma handoff

Backend: Node.js, Express, NestJS, REST APIs, JWT authentication, PostgreSQL, Prisma

Testing: Vitest, React Testing Library, TDD

Performance: Rendering optimization, state management, lazy loading, code splitting

Accessibility: ARIA, semantic HTML, keyboard navigation, WCAG principles

CI/CD & Tools: Git, GitHub Actions, automated pipelines, code quality tools, Husky, Vercel, Railway

FEATURED PROJECTS

FleetOps – Real-time Fleet Management System (in progress)

Full-stack system for real-time vehicle fleet monitoring. Interactive map, live status updates, vehicle detail panel, and REST API backend. Next.js · TypeScript · Zustand · NestJS · PostgreSQL · Prisma · Tailwind.

Microfrontend Architecture with Module Federation

Built to replicate how large teams deploy frontend modules independently without conflicts. Shared UI library, independent deployments, monorepo structure. React · TypeScript · Webpack 5 · Module Federation.

EDUCATION

Henry Bootcamp – Full Stack Web Development | 2023–2024

Universidad de Buenos Aires – Design Studies | 2014–2016

LANGUAGES

Spanish: Native

English: Advanced (C1) – EF SET 77/100