

Sebastian Sanjorge

Frontend Engineer | React · TypeScript · Next.js · Microfrontends

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Video introduction (35s): <https://www.youtube.com/watch?v=qlBhpazVkcQ>

PROFESSIONAL SUMMARY

Frontend Engineer specialized in building **scalable and maintainable frontend systems**, with experience in **real-time applications** using React, Next.js, and TypeScript.

Experience delivering **production-grade UIs** in international teams, contributing to **architectural decisions** and **performance optimization**.

EXPERIENCE

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

- Engineered frontend systems for a real-time geolocation and traceability platform used in underground mining operations, **supporting mission-critical workflows**
- Developed scalable UIs within a microfrontend architecture, **enabling modular deployments and independent feature delivery across teams**
- Implemented RBAC authorization system across routes and components, **reducing risk of unauthorized access and improving consistency in permission handling**
- 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**
- Worked within established CI/CD workflows, **ensuring code quality through testing and code review processes**
- Applied accessibility standards (ARIA, semantic HTML, keyboard navigation), **improving usability for keyboard navigation and assistive technologies**
- Actively contributed to technical decision-making and feature design within a cross-functional team of 15 engineers
- Mentored team members on RBAC patterns and frontend architecture practices, **improving consistency in implementation across the codebase**

Freelance Frontend Engineer | Sep 2021 – Present

- Built and deployed production-ready single-page applications (SPA) using React and TypeScript for multiple clients
- Delivered responsive, high-performance UIs, **improving load times and overall user experience across projects**
- Implemented component-driven architectures and reusable UI systems, **reducing duplication and improving maintainability**
- Applied unit and component testing, **improving code reliability and reducing post-deployment issues**
- Managed end-to-end delivery, from requirements gathering to deployment, **ensuring alignment with client needs**
- Worked directly with stakeholders, **translating business requirements into scalable and maintainable frontend solutions**

TECHNICAL SKILLS

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

Architecture: Frontend Architecture, Microfrontends, SPA, modular design, scalable frontend systems

Testing: Vitest, React Testing Library, TDD

Performance: Rendering optimization, state management, lazy loading

Accessibility: ARIA, semantic HTML, keyboard navigation

CI/CD: Git, automated pipelines, code quality tools, Husky

Backend: Node.js, Express, NestJS, PostgreSQL

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