

Nicolas Franco Mainella

Senior Frontend Engineer | Fluent in English | Remote U.S. Experience

Mendoza 297 15C, Rosario, Santa Fe, Argentina | (549) 341 6468833
nicolasmainella@gmail.com | www.nicolasmainella.com | github.com/nfmainella

PROFESSIONAL SUMMARY

Senior Frontend Engineer with 9+ years of experience designing and delivering high-performance, scalable web applications for enterprise clients in travel, e-commerce, and SaaS.

Specialized in React, TypeScript, and Next.js within modern monorepo architectures. Adept at frontend architecture, performance optimization, and accessibility compliance. Experienced in mentoring teams, improving developer experience, and collaborating across distributed, cross-functional teams.

CORE SKILLS

Frontend: React, Next.js, TypeScript, JavaScript (ES6+), Material UI

Architecture & Tooling: NX, Monorepos, Micro-frontends, CI/CD (Vercel, GitHub Actions)

Testing & Quality: Playwright, Jest, React Testing Library

Performance & Monitoring: OpenTelemetry, SumoLogic, Lighthouse

Other: Accessibility (WCAG), Internationalization (i18next), Async Communication, Agile/Scrum

PROFESSIONAL EXPERIENCE

iSeatz / Senior Frontend Engineer (Sep 2018 - Present, Remote)

- Architected and maintained a multi-brand, enterprise-grade travel platform using a Next.js-based monorepo (Nx 21.x) with shared libraries and micro-frontend support.
- Enhanced performance through advanced code-splitting, image optimization, and React concurrency features.
- Led observability integration with OpenTelemetry and SumoLogic, enabling proactive issue detection.
- Developed automated CI/CD pipelines with Vercel & GitHub Actions, improving deployment reliability.
- Delivered fully accessible, WCAG-compliant interfaces used by millions of end-users.
- Mentored junior engineers on best practices, testing strategies, and code quality standards.
- Managed integrations with Contentful CMS, Google Maps, LaunchDarkly, and NextAuth.

OrderGroove / Frontend Engineer (Jun 2018 - Sep 2018, Rosario, Argentina)

- Implemented customizable e-commerce platform features for enterprise clients.
- Improved UI responsiveness and maintainability through refactored components and modern CSS practices.

DonWeb / Frontend Engineer (Mar 2017 - Jun 2018, Rosario, Argentina)

- Delivered new customer-facing features and improved internal admin panel usability.
- Enhanced site performance by streamlining front-end build processes.

Earlier Experience:

CFyAR / Full Stack Engineer (Jun 2011 - Feb 2012) - Game & CMS development, including Android app.

Lowe's USA via Neoris / Junior Analyst (Jul 2010 - Jan 2011) - SQL with Teradata, Genesis, U.S. client interaction in English.

SELECTED PROJECT HIGHLIGHTS

- ****Monorepo Architecture****: Designed a scalable Nx-based monorepo supporting multiple brands and micro-frontends.
- ****Enterprise Observability****: Integrated OpenTelemetry and SumoLogic, enabling real-time monitoring and

Nicolas Franco Mainella

Senior Frontend Engineer | Fluent in English | Remote U.S. Experience

diagnostics.

- ****Accessibility at Scale****: Implemented WCAG-compliant design systems for an enterprise travel booking platform.

- ****Performance Optimization****: Reduced page load times with Next.js image optimization, dynamic imports, and caching strategies.

EDUCATION

Universidad Abierta Interamericana / Systems Engineering (2015 - 2018) - Rosario, Argentina

Universidad Nacional de Rosario / Systems Analyst (2011 - 2014) - Rosario, Argentina

Universidad Nacional de Rosario / Computer Science (2009 - 2011) - Rosario, Argentina