
Alex Pereyra | Frontend Engineer

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PROFESSIONAL PROFILE

Frontend Engineer with 3+ years of experience building modern, scalable, product-oriented web applications. Specialized in React, Next.js, and TypeScript, with a strong focus on frontend architecture, performance, and accessibility.

Experience working on real-world web systems, ranging from institutional websites to functional demos of educational and judicial platforms, integrating frontend with business logic and APIs. Backend background provides a solid understanding of end-to-end systems while maintaining a frontend-first mindset.

Italian citizenship. Open to international remote roles and relocation within the European Union.

SKILLS

Frontend Engineering:

- React · Next.js · TypeScript · JavaScript (ES6+)
- Frontend Architecture · Component-Based Architecture
- State Management · User Flow Design
- Web Performance Optimization
- Accessibility (WCAG)

Backend (supporting knowledge):

- Node.js · REST APIs
- SQL (MySQL, PostgreSQL)
- PHP / Laravel

WORK EXPERIENCE

Frontend Engineer – Creative Production | Hogarth Argentina • 05/2025 – Present

- Development of animated banners for global advertising campaigns.
- Implementation of animations with GSAP and responsive layout in HTML, CSS and pure JavaScript.
- Adaptation of designs to multiple formats following brand guidelines.
- Collaboration in API integration and deployment on Vercel, ensuring scalable and maintainable solutions.

Educational Robotics Instructor & Coordinator | IABOT • 03/2022 – 10/2025

- **Teaching** programming and robotics to children and adolescents.
- **Design** and **management of educational projects** with a focus on critical thinking.
- **Coordination** of groups by level and age.
- Introduction of programming concepts through hands-on projects, fostering early exposure to coding.

Full-Stack Developer | Municipality of Mercedes • 08/2023 – 03/2024

- Led the development of internal web applications using **Next.js, Tailwind CSS, and React** for the frontend.
- Built and maintained backend services with **Node.js, PHP, and Laravel**, integrating SQL databases for data management.
- Designed and implemented **REST APIs** to connect frontend interfaces with backend workflows.
- Improved institutional communication platforms, ensuring accessibility (WCAG), SEO, and maintainable code.
- Collaborated with cross-functional teams in **agile environments**, contributing to both UI/UX improvements and scalable backend solutions.

FEATURED PROJECTS

Minutodesilencio – minutodesilencio.net | Next.js, React Three Fiber, GSAP

Interactive project developed for a university thesis in Audiovisual Design.

An immersive experience that combines 3D, advanced animations, and interactive elements (dynamic flowers, candles, camera transitions, visual effects, and custom game-loop logic).

SAAE System – saae-sist.vercel.app | Next.js, Node.js, SQL, Tailwind CSS

Educational management web system with a Next.js frontend and a SQL-powered backend. Includes authentication, user management, and deployment on Vercel.

SIGJ – sigj.vercel.app | Next.js, Node.js, SQL, Tailwind CSS

Integrated Judicial Management System developed as a demo for courts.

Features a Next.js frontend, Node.js backend, and SQL database. Designed to optimize administrative processes and citizen services.

Personal Portfolio · alexpereyra.dev | Astro, TypeScript, Tailwind CSS

Gallinas Libres · gallinaslibres.com | Institutional, accessible and responsive site

IABOT · iabot.com.ar | Responsive institutional website

Domus · esteticadomus.com | Modern design optimized for mobile

Apri · cerrajeriaapri24hs.com.ar | Accessible and optimized site for urgent solutions, with quick access to WhatsApp.

EDUCATION

Technical Degree in Programming – UTN San Nicolás • 02/2025 – Present

Initial Web Developer – Argentina Program 4.0 • 02/2023 – 11/2023

Frontend Web Development – Alura Latam • 07/2022 – 02/2023

CERTIFICATIONS

- **Responsive Web Design** • 11/2024 – freeCodeCamp
- **Introduction to HTML and CSS Web Development (1 & 2/2)** • 08/2024 – Google
- **Essential HTML** • 08/2024 – LinkedIn
- **Initial Web Developer** • 04/2023 – Argentina Programa
- **Front End G3 Training - ONE** • 02/2023 – Alura Latam

- **Beginner Training – G3 Program – ONE** • 09/2022 – Alura Latam
- **Personal Development Training – G3 Program – ONE** • 08/2022 – Alura Latam