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# Alex Pereyra | Frontend Engineer

Ciudad Autónoma de Buenos Aires (CABA), Argentina

+54 2324 476461 | alexmp.2602@gmail.com

[linkedin.com/in/alex-pereyra-dev](https://linkedin.com/in/alex-pereyra-dev) | [www.alexpereyra.dev](http://www.alexpereyra.dev)

## 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](https://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](https://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](https://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](https://alexpereyra.dev) | Astro, TypeScript, Tailwind CSS

Gallinas Libres · [gallinaslibres.com](https://gallinaslibres.com) | Institutional, accessible and responsive site

IABOT · [iabot.com.ar](https://iabot.com.ar) | Responsive institutional website

Domus · [esteticadomus.com](https://esteticadomus.com) | Modern design optimized for mobile

Apri · [cerrajeriaapri24hs.com.ar](https://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