PABLO LOSPENNATO

FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

Full Stack Developer with extensive experience in frontend architecture, backend development, and web performance optimization (Core Web Vitals & Lighthouse 100). Specialized in building complex interactive interfaces, scalable applications, and integrating artificial intelligence solutions (AI-Augmented Development) to accelerate and enhance software development lifecycles.

TECHNICAL SKILLS

- → **Frontend:** JavaScript (ES6+), TypeScript, React.js, Next.js, Astro (Static/SSR), Tailwind CSS, React Flow, Responsive Design & A11y.
- → **Backend & Databases:** Node.js, Express.js, Python, Django, PostgreSQL, Prisma, Sequelize, REST APIs, JWT, Zod.
- → **AI & Agents (AI-Augmented):** Claude Code, Gemini CLI, Antigravity, GitHub Copilot, Prompt Engineering, Vercel AI SDK.
- → **Optimization & Tools:** Web Vitals, Lighthouse 100 Mastery, Git/GitHub, Vercel, Figma, Technical SEO, i18n.
- → **Languages:** Spanish (Native), English (Upper-Intermediate - B2).

FEATURED PROJECTS

Hugint — Visual Workflow Management Platform (Frontend & State Management)

Next.js, React Flow, Zustand, Tailwind CSS, Zod, Mockoon

- → Developed an interactive drag-and-drop interface for creating and managing complex workflows through visual logic.
- → Optimized global state management using Zustand and persisted node structures in local storage.
- → Designed reusable UI components and integrated strict data validation schemas with Zod.

Aire de Mar Studio

High-Performance Boutique Architecture

Astro, Tailwind CSS, Performance Optimization, View Transitions, SEO / GEO / AEO

- **Demo:** airedemarstudio.com
- Built an institutional digital platform achieving extreme performance with a perfect **100/100 Lighthouse score** (Performance, Accessibility, and Best Practices).
- Implemented a static architecture powered by Astro to ensure near-instant load times and ultra-smooth navigation with View Transitions.
- Applied advanced traditional SEO strategies alongside optimization for Generative Search Engines and AI (GEO & AEO).

MGMT PyME

Institutional Website & Headless CMS

Next.js, Payload CMS, Neon Postgres, Cloudinary, Tailwind CSS

- **Demo:** mgmtpyme.com
- Developed a corporate web platform integrating a dynamic Blog module and a self-managed Help Center (FAQ).
- Implemented a headless architecture with Next.js, Neon Postgres, and Cloudinary for dynamic media asset delivery and optimization.
- Replaced traditional CMS solutions like WordPress, achieving maximum speed, security, and content management flexibility.

tuFiesta

Event Self-Management PWA (Full Stack)

Next.js, Prisma ORM, PostgreSQL, Tailwind CSS, PWA

- Designed and built a mobile-first PWA allowing event service providers to self-manage their profile information and media content for publication on the main website.
- Integrated the application via Prisma ORM with an extensive pre-existing PostgreSQL relational database from a legacy PHP system, ensuring seamless synchronization and backward compatibility.

Gastos.AI

Intelligent Financial Statement Analyzer (Full Stack & AI)

Next.js, TypeScript, Vercel AI SDK, Google Gemini API, Zustand, Tailwind CSS, Zod

- Developed an AI-powered solution to automate data extraction and categorization from PDF bank statements and financial documents.
- Designed secure Next.js API routes integrating LLM models via Vercel AI SDK with strictly typed validation schemas using Zod.
- Built a real-time diagnostic console to monitor system latency and AI response execution.

ADDITIONAL PROJECTS & EXPERIENCE

- **Desler Online:** Animated corporate website developed with Next.js, Tailwind CSS, and i18n, focused on custom animations and adaptive layout design (desleronline.com/es).
- **Liderus Beneficios:** Corporate benefits ecosystem built with Next.js and Headless WordPress architecture for maximum performance and scalability.
- **El Destino Ediciones:** Publishing platform with dynamic catalog and literary content management optimized with Astro.
- **Soluciones Refractarias:** Corporate website developed for an industry-leading refractory materials manufacturer.
- **My Loan Calculator:** High-precision financial tool built with JavaScript for loan and amortization schedule calculations.

EDUCATION & CERTIFICATIONS

- **Full Stack Web Developer** | Henry Bootcamp (2022)
- **Full Stack Python / Django** | Lifelong Learning Agency - Gobierno de la Ciudad de Buenos Aires (2023)
- **UX/UI Design** | Lifelong Learning Agency - Gobierno de la Ciudad de Buenos Aires (2023)