



Juan Ignacio De los Santos

SOFTWARE ENGINEER

CONTACT

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SKILLS

Next.js React TypeScript

Node.js NestJS Python

AWS Docker PostgreSQL

AI / LLM tooling Tailwind CSS

Git

EDUCATION

Industrial Engineering

Universidad Nacional del Litoral
2017 — 2026

Full Stack Web Developer

Henry Bootcamp
2022

LANGUAGES

Spanish Native

English B2

PROFILE

I help companies turn complex problems into simple, scalable software. My industrial engineering background shapes how I work: I break the problem down and ship the simplest solution that works. Working across different products and domains has given me the judgment to choose what the context calls for, not the tool I already know.

EXPERIENCE

GeoActio — FullStack Engineer

Jul 2025 — Now

- Building ActioTicket, the SaaS platform modernizing public transport ticketing in Spain, now with 10,000+ registered users in production.
- Designed the multi-brand theming architecture that lets new operators launch under their own branding without duplicating code, built with Next.js, TypeScript and Material UI.
- Implemented the origin–destination purchase flow end to end — routes, dates, fares and checkout.
- Refactored key components around the Composite pattern so brands reuse the same base, keeping test coverage above 80% with Vitest and React Testing Library.
- Apply Spec-Driven Development (OpenSpec): every change is specced before implementation, reducing ambiguity and rework.

Crombie — Software Engineer

Nov 2022 — Jul 2025

- First technical lead of the AI Center of Excellence: designed agents with custom tools and controlled workflows on Vercel AI SDK, AWS Bedrock and Langchain.
- Built an internal agent that resolves the CX team's repetitive queries, cutting their operational load by around 20%.
- As Sr. FullStack Engineer on Puma's global e-commerce (US, Canada, UK, Japan and India), improved LCP from 4.5s to 3.8s by eliminating duplicate server requests and cut the bundle by 20% with dynamic imports.
- Implemented Puma's technical SEO strategy and GA4 e-commerce tracking, and contributed components to the cross-market design system, documented in Storybook.
- Led a 4-person team building Crombie's own site with Next.js App Router, set up AWS deploy pipelines with SST, and mentored new developers.

HIGHLIGHTED PROJECTS

EstacionAR

Parking reservation platform: drivers discover and book spots, operators manage their garages.

Expo Next.js Hono tRPC
PostGIS

AI Center of Excellence

Agent platform and controlled workflows for AI-driven internal products.

Vercel AI SDK Bedrock Langchain

ActioTicket

Multi-brand transit ticketing SaaS with custom theming per operator across Spain.

Next.js TypeScript MUI

Puma E-commerce

Global storefront (US, CA, UK, JP, IN) with SSR/CSR and a headless CMS.

Next.js Sanity GA4