

Juan Ignacio Almiron

AI Product Engineer

Turning AI into shipped products — RAG pipelines, LLM platforms, agentic workflows

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PROFILE

AI Product Engineer with 15+ years building software, the last several spent shipping AI products end to end rather than bolting a chatbot onto something that already worked. Founder of Deployate, an AI agent platform that sells and supports customers over WhatsApp and Instagram, and currently building QO, a RAG-based knowledge platform — embeddings, hybrid search, re-ranking — for the airport infrastructure sector. Currently Senior Software Developer at itti. Solid foundations in React, Next.js, TypeScript and AWS, with a track record leading cross-functional teams across banking, e-learning, supply chain and aviation.

EXPERIENCE

Founder

Deployate · 2024 - Present

Founded and built an AI agent platform that handles customer service, sales, and scheduling over WhatsApp and Instagram for real estate, retail, and education businesses. I own the whole product: the conversational flows, the lead-qualification logic that decides who's worth a human's time, and the analytics dashboard that shows owners what's actually happening in their inbox.

Stack: AI Agents · OpenAI · RAG · Product Strategy · SaaS

Product Engineer

QO · 2025 - Present

Building QO, a private, NotebookLM-style knowledge platform for the airport infrastructure sector: teams upload tenders, technical specs, and contracts and get cited, source-linked answers instead of digging through folders by hand. I built the retrieval pipeline end to end — OCR for scanned documents, chunking, embeddings, hybrid semantic and keyword search, and a re-ranking step that decides which passage actually answers the question. Documents stay in the customer's own AWS S3 bucket; nothing leaves their infrastructure.

Stack: RAG · Embeddings · Hybrid Search · Re-ranking · OCR · AWS S3 · OpenAI API · Next.js

Senior Software Developer

itti · Sept 2025 - Present

Leading technical initiatives for enterprise clients, with a growing focus on bringing AI tooling and agentic workflows into how the team actually ships software — not as a slide in a deck, but in the day-to-day: code quality, performance, and getting things out the door on tight deadlines.

Stack: AI Tooling · Next.js · React · TypeScript · AWS · Architecture

Software Developer

Futbol Sites - Better Collective · June 2024 - Sept 2025

Built and maintained 22 high-traffic sports websites where SEO and page speed directly moved the business's ad revenue. Migrated the stack to Next.js 14 and React Server Components on AWS, and used New Relic and CloudWatch to catch performance regressions before they hit search rankings.

Stack: Next.js 14 · React Server Components · AWS · New Relic · CloudWatch · SEO · Performance

Frontend Web Developer

The Flock · July 2023 - Dec 2023

Key contributor to CUX, an AI-powered mental health product supporting people through depression and anxiety. I designed and shipped the OpenAI-driven conversation flows — the hard part wasn't the API call, it was getting the tone right for a product where a bad response actually matters.

Stack: OpenAI · AI/ML · React · TypeScript · .NET · Redux · Chakra UI

Frontend Web Developer & Team Lead

CHEP · Feb 2023 - Oct 2023

Led the frontend team on an inventory system for the world's largest pallet-pooling company, tracking their assets across warehouses on every continent. Built the React and Next.js SSR app that did the actual counting, mapped warehouse locations with the Google Maps API, and kept the interface simple enough that warehouse staff — not just engineers — could use it.

Stack: React · Next.js · React Query · Tailwind CSS · Chakra UI · Google Maps API · Leadership · Supply Chain

Frontend Web Developer

Crehana · Dec 2021 - Feb 2023

Built the interfaces for two of Crehana's core products — mentory and skill-xp — as micro frontends in React, Next.js, and GraphQL on top of a Django backend, working closely with designers and product on a platform used by thousands of students.

Stack: React · Next.js · GraphQL · Styled Components · Storybook · Tailwind CSS · E-learning · Micro Frontends

Frontend Web Developer

Santander Tecnología Argentina · Feb 2021 - Dec 2021

Worked on the eCheq and Invoices squads of Santander's home banking platform, maintaining React and Next.js micro frontends that real customers used to move real money — which meant unit and end-to-end tests weren't optional, and neither was a working GitLab CI/CD pipeline.

Stack: React · Next.js · TypeScript · Redux · Styled Components · GitLab · CI/CD · Banking · Micro Frontends

Software Development Engineer

Aeropuertos Argentina 2000 · Aug 2018 - Feb 2021

Built and maintained systems used across the 35 airports the company operates nationwide: commercial space management, airport tax control, aircraft capacity planning, and parking access. These weren't side projects — an outage meant an actual airport had a problem.

Stack: .NET Core 3 · React · Vue · Redux · REST API · MercadoPago · Aviation · Mission Critical

Web Developer

Gobierno de la Ciudad de Buenos Aires · Aug 2014 - Sept 2018

Maintained legacy government systems while helping move new features onto AngularJS and C#, refactoring for performance along the way and writing the unit and integration tests the old codebase didn't have.

Stack: ASP.NET · AngularJS · Vue · Bootstrap · REST API · NHibernate · Government · Legacy Systems

Junior Software Developer

Oracle · May 2011 - Aug 2012

Joined a 17-person team on Oracle's PMW project, building and maintaining the interface between the databases and the backend — my first real exposure to enterprise-scale software and the discipline it takes not to break things at that size.

Stack: Java · Oracle · Database · PL-SQL · Unit Testing · Enterprise

Junior Software Developer

Everis · May 2009 - May 2011

Started my career as a trainee, learning to program in PL-SQL on Linux. I spent my days writing queries, procedures, and database objects — packages, triggers, functions — on a 20-person team, which is where I picked up the fundamentals everything since has built on.

Stack: PL-SQL · Linux · Java · Oracle · Database · Team Collaboration

SKILLS

AI & RAG: RAG Pipelines · Embeddings · Vector Search · Re-ranking · LLM Integration · Agentic Workflows · OpenAI API · Prompt Engineering

Frontend: JavaScript · TypeScript · React · Next.js · Tailwind CSS

Backend & Cloud: Node.js · AWS · PostgreSQL · CI/CD

Tooling & Testing: Git · Claude Code · opencode · Cypress · Jest · Unit Testing

LANGUAGES

Spanish — Native · English — Professional working proficiency

EDUCATION

Software development and systems

Fifteen years of hands-on full-stack practice across enterprise, government and startup environments, kept current through continuous self-directed learning in AI and emerging technologies.