



Alejandro García Iglesias

SENIOR SOFTWARE ENGINEER — FORWARD DEPLOYED AI

📍 Buenos Aires, Argentina

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Professional Summary

Senior Software Engineer with 19+ years of experience across frontend, full-stack, product engineering, and Applied AI. Now focused on customer-facing AI solutions, working directly with stakeholders to turn ambiguous operational problems into practical systems spanning discovery, integrations, retrieval, agents, APIs, and user-facing applications.

FOCUS AREAS

- Customer-facing Applied AI engineering
- AI agent integrations & workflows
- RAG & organizational knowledge systems
- APIs, MCP & business-system integrations
- Product discovery & stakeholder collaboration
- End-to-end AI product delivery

Skills

TypeScript JavaScript Node.js React Next.js REST APIs API Design & Integration
Model Context Protocol (MCP) Retrieval-Augmented Generation (RAG) PostgreSQL pgvector
Mastra LangGraph Hermes Agent AI Agents & Tool Use Git

Experience

Independent Product R&D & AI Consulting

Apr 2026 – Present

Senior Software Engineer — Applied AI & Solutions

- Partnered directly with Juana Casa's two founding partners and studio team to discover project and operational knowledge needs, scope an appropriate solution, and translate ambiguous requirements into an end-to-end AI system.
 - Implemented specialized AI agents using Hermes Agent and integrated them into the studio's Slack and WhatsApp workflows, enabling conversational access to organizational knowledge and supporting operational workflows.
 - Developing a reusable source-backed RAG and authenticated MCP integration layer that connects AI assistants and agents with company documents and structured operational data.
 - Iterated directly with stakeholders on requirements, workflows, integrations, and product behavior as the solution evolved from prototype toward operational use.
 - Built and maintain Hermes Dreaming, an open-source memory-consolidation plugin for Hermes Agent, using AI-assisted engineering to work with its plugin and tool APIs, scheduled execution, persistent state, and configurable memory operations.
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Rotunda Software

Apr 2022 – Apr 2026

Senior Frontend Engineer · Remote

- Collaborated with backend, design, QA, and marketing to define technical and product solutions, implementing features from Figma designs and proactively identifying UX and implementation improvements.
 - Worked within a microservices-based architecture using a custom internal frontend framework, implementing Node.js and Express API endpoints to support frontend features.
 - Improved frontend tooling and local development workflows, reducing friction for the engineering team.
 - Drove large-scale frontend refactors, including migrations of multiple applications and marketing sites.
 - Acted as the main frontend reference across the team, supporting developers in UI-related decisions and implementation.
 - Led the evolution of the internal UI library (ModUI), improving APIs, simplifying styling systems, and increasing consistency.
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BairesDev

Mar 2020 – Mar 2022

Senior Frontend Engineer · Remote

- Expanded into backend responsibilities, learning Go and implementing APIs to deliver features end to end.
 - Collaborated in distributed teams and participated in code reviews and testing.
 - Worked on Pinterest's Experiments team, implementing and testing React UI variations in the core consumer product to support product experimentation.
 - Developed and owned the UI layer of internal advertising reporting tools, defining their information architecture and data presentation.
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Mapme

Nov 2016 – Dec 2019

Senior Frontend Engineer · Remote

- Collaborated closely with the CTO and CEO, translating business needs into practical, user-friendly UI solutions, often without formal designs.
 - Helped evaluate and introduce Vue.js for a full rewrite of a Mapbox GL map-based product, then led the frontend implementation of the redesigned application from scratch.
 - Built a component-based architecture with Vue and Vuex, including reusable UI components designed for maintainability and scalability.
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Deviget

Dec 2013 – Apr 2016

Frontend Developer · Remote

- Worked on a large-scale advertising platform (AppNexus).
 - Built modular UI components using AngularJS with strong testing practices.
 - Contributed to frontend structure improvements and CSS organization.
 - Participated in Style Guide development.
 - Collaborated in distributed cross-functional teams.
 - After AppNexus, built a React-based administration UI for corporate security policies for another client engagement.
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Vulsai

2012 – 2013

Frontend Developer · Buenos Aires, AR

- Primary frontend developer across multiple projects.
 - Introduced modern CSS tooling (Sass, Less, Compass), improving maintainability and structure of styles.
 - Built data visualization interfaces using D3.js.
 - Developed self-contained embeddable widgets.
 - Collaborated closely with design.
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Earlier full-stack experience across four roles building web applications end-to-end with frontend, backend, APIs, databases, and infrastructure.

 See my full experience on LinkedIn: [in/alegarciaiglesias](https://www.linkedin.com/in/alegarciaiglesias)
