

Joaquin Tornello

[Contact](#) | Buenos Aires, Argentina | [Github](#)

WORK EXPERIENCE

Tiendanube

Apr. 2025 – Present

Senior Software Engineer - AI Team - Fullstack

Remote

- **AI Agent Development:** Built end-to-end AI Agent for **Nimbus Design System**, integrating frontend, Python backend (LangSmith, LangChain, PostgreSQL), embedding pipelines, and natural-language query interface
 - Implemented **RAG (Embedding Search, BM25, Query Expansion)**, GPT models, and advanced **Prompt Engineering**, enabling natural language access to design system docs.
- **Developer Experience Innovation:** Designed an **MCP Tool MVP** to enhance developer productivity with Nimbus across IDEs.
 - Integrated **self-improving AI feedback loops**, enabling continuous refinement of generated code and design components.
- **Agentic UI Workflow:** Built an Agentic Chat UI from scratch using React+TS and **NestJS** BFF, supporting real-time streaming interactions between user prompts and AI actions.
 - Implemented scalable **RxJS-based** workflows for reactive agent behavior, with **Redux Toolkit** managing persistent AI-generated state across sessions.
 - Defined a robust contract system for frontend-backend orchestration, enabling secure and extensible action execution pipelines.

Tiendanube

Jan. 2025 – Present

Senior Software Engineer

Remote

- Tiendanube is Latin America's top e-commerce platform empowering over **135,000** businesses to sell online.
- **Lead** developer of **Nimbus**, an open-source Component Design System featuring AI-powered tools
 - Helping multiple clients to speed-up **2x** the UI building targeting **WCAG standards** and responsive designs.
- **Proposed** and executed—independently **within three months of onboarding**—a major refactor of a critical build pipeline
 - Established the first fully documented, scalable build and release pipeline—enhancing Tree Shaking, accelerating performance, and **significantly reducing bundle size** for end-users.

Globant

Aug. 2021 – Dec. 2024

Senior Web UI Developer - Expedia | Jul. 2023 – Dec. 2024

Remote

- Globant provides innovative digital transformation solutions and works with well-known clients.
- **Co-led** front-end initiatives within a full-stack team, delivering significant enhancements to Expedia's primary search page, serving **millions** of global users with MVP's **in less than 3 months**.
 - Translated Figma mockups into pixel-perfect TS apps. Managed Jira workflows and team assignments.

Semi-Senior Advanced Developer - Disney | Aug. 2021 – Jun. 2023

- Disney is a global leader in media and entertainment, partnering with firms to enhance its digital presence.
- As Key developer, led UI refactoring, achieving a **40% reduction in loading time** through strategic API enhancement, algorithm optimizations and modular loading approaches in **native JS**.

Axxon Consulting

Dec. 2019 – Sep. 2021

Semi-Senior Solution Developer

Remote

- A consulting company and Microsoft & Salesforce Partner, known for innovative solutions and partnerships.
- Evolved legacy ES5 codebase with standardized practices, advanced async management, and high-level caching strategies
 - **Doubled page load speed** and dramatically **improved performance** by implementing proper async workflows.

VOLUNTEER EXPERIENCE

FrontendCafé

Oct. 2021 – Present

Mentor

Remote

- [FrontendCafé](#) is a collaborative tech community improving career growth of **1,500+** members through knowledge sharing.
- **Delivering targeted Full-Stack mentorship**, teaching developers about better practices, career-path planning, modern tools and impactful Portfolio creation to accelerate professional growth, securing 5+ job placements.

SKILLS & INTERESTS

- **Skills:** Typescript, Javascript, React, Redux, SASS, Webpack, Next.js, Node.js, Nest.js, GraphQL, AWS, Turborepo, Monorepo, GIT, AI (Cursor, CodeRabbit, GPT), Mentoring
- **Interests** Traveling, *Music* (Orchestra musician), AI, Agentic UI, Robotics, Virtual Reality, Weightlifting

Language Proficiency

- **English:** Full professional proficiency
- **Spanish:** Native.