# Joaquin Tornello

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## 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), 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](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, React, Redux, SASS, Webpack, Next.js, Node.js, GraphQL, AWS, GIT, AI (Cursor, GPT), Mentoring
- **Interests** Traveling, *Music* (Orchestra musician), Artificial Intelligence, Robotics, Virtual Reality, Weightlifting

## Language Proficiency

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