

Tomás Frechou

Software Engineer — Full-Stack

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 6+ years building web and mobile products, nearly six of them at JPMorgan Chase, where I led legacy .NET modernization initiatives and shipped React micro frontends and a real-time system with SignalR and Kafka. Currently building my own products end to end — React and Next.js on the web, Swift and SwiftUI on mobile, PostgreSQL and Supabase on the backend — owning architecture, infrastructure and release automation. Pursuing a Master's degree in Artificial Intelligence at Universidad de Buenos Aires (expected 2027).

EXPERIENCE

Independent Software Engineer — Leaf Bookmarks & Faro

Self-employed · Buenos Aires, Argentina (Remote) · Apr 2026 – Present

- Designed, built and shipped two products end to end — Leaf Bookmarks and Faro — covering UI design in Figma, frontend, backend, infrastructure, release automation and launch as a solo developer.
- Built and operate the backend on Supabase (PostgreSQL, authentication, storage, edge functions), designing the data model, API layer and row-level security policies from scratch.
- Developed and maintain both product websites in Next.js and TypeScript on Vercel, including SEO, internationalization and analytics.
- Developed the client applications natively in Swift and SwiftUI, including a Share Extension, offline-first data handling and accessibility support.
- Integrated AI-powered features including summaries, semantic search, guided reflections and personalized reviews.
- Automated builds, testing and releases with Xcode Cloud and TestFlight, and built an agent-assisted internal system for release planning and marketing.

Leaf Bookmarks: leafbookmarks.com · Faro: hellofaro.app

Freelance Software Engineer — Web Applications

Independent contractor · Buenos Aires, Argentina (Remote) · Aug 2026 – Present

- Building a web application for an architecture studio: Next.js and React on the frontend, Three.js for in-browser rendering of GLB architectural models, Supabase for data and authentication, Cloudflare R2 for large-file storage, PostHog for analytics, deployed on Vercel.
- Own the engagement end to end — requirements definition with the client, full UI design in Figma, technical architecture and delivery.

JPMorgan Chase & Co.

Buenos Aires, Argentina (Hybrid) · Jun 2020 – Apr 2026

Senior Associate Software Engineer | Jan 2026 – Apr 2026

- Promoted to Senior Associate after leading the team's main modernization program and acting as the technical point of reference on architecture decisions.

Associate Software Engineer | Jan 2023 – Jan 2026

- Led the migration of the team's main application from a Windows desktop client to a web application in React.
- Architected and implemented React micro frontends (MFEs), enabling modular, independently deployable features and improving overall scalability.
- Designed and built a real-time system with SignalR and Kafka delivering live updates to the web UI.
- Automated update and deployment processes for monthly releases, reducing manual steps and release risk.
- Owned project planning and task allocation, coordinating scope and delivery across monthly releases.
- Interviewed, onboarded and technically trained new team members.

Software Engineer | Oct 2021 – Jan 2023

- Led multiple modernization projects for legacy .NET applications, including migrations from .NET Framework 4.8 to .NET 6, improving maintainability and scalability.
- Worked directly with business stakeholders to gather requirements and deliver features in monthly release cycles.
- Supported UAT and Production environments, troubleshooting application and infrastructure issues.
- Mentored teammates and acted as a technical referent within the team; earned the AWS Certified Developer – Associate certification.

Software Engineering Intern | Jun 2020 – Oct 2021

- Designed and developed ASP.NET Core web APIs and background services running as Windows applications.
- Built and enhanced internal React web applications, and worked hands-on with deployment pipelines across the full application lifecycle.

EDUCATION

Master's Degree in Artificial Intelligence — Universidad de Buenos Aires (UBA), 2025 – 2027 (in progress)

Bachelor's Degree in Computer Engineering — Universidad Católica Argentina (UCA), 2016 – 2024

CERTIFICATIONS

AWS Certified Developer – Associate — Amazon Web Services, Aug 2022

Scrum Master — Mar 2022

SKILLS

Web & Backend: React, TypeScript, Next.js, .NET (C#), ASP.NET Core, Python, SignalR, Kafka, REST APIs, Micro Frontends

Data & Cloud: PostgreSQL, SQL Server, Supabase, AWS, Cloudflare R2, Vercel

Mobile: Swift, SwiftUI, SwiftData, StoreKit, RevenueCat, App Store Connect, TestFlight, Xcode Cloud, React Native

Design: Figma, UI/UX design, prototyping, design systems, design-to-code implementation, App Store visual assets

Practices & Tools: Git, CI/CD, Agile / Scrum, PostHog, AI-assisted development (Claude Code, Codex)

Languages: Spanish (Native), English (Advanced)