

Thomas Josso

FULL-STACK · TECHNICAL LEAD · WEB & MOBILE

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Authorized to work in the US · No sponsorship required

PROFILE

Senior full-stack engineer and technical lead. Eight years building for early-stage startups and products serving millions, across Paris, Shanghai, and New York. Architecting scalable systems, secure authentication, and CI/CD pipelines across backend, frontend, and AI integration. Leading collaborative, multicultural teams. The range is the asset.

EXPERIENCE

Technical Lead (Founder)

Mar 2026 – Present

rixAI · *rixai.app*

New York City

- Implement a strict TypeScript monorepo with Turborepo and pnpm: an Expo mobile app (Expo Router) and a Next.js web app (App Router) sharing a tRPC API, Neon PostgreSQL via Drizzle ORM, and Zod v4, for consistent code reuse across web and mobile
- Use TanStack Query and Zustand on mobile, sharing API types from the server through tRPC for end-to-end type safety
- Design authentication with Supabase (Google, Apple, magic-link), with Upstash Redis for sessions, caching, and rate limiting
- Apply CSRF protection, sliding-window rate limits, role-based access control (RBAC), and audit logging in the API layer
- Integrate RevenueCat for native in-app purchases and paywall UI, with server-side access checks and plan-based feature gating
- Implement a debate feature with an XState finite-state machine and Inngest async workflows handling step timeouts, AI turns, stale-session cleanup, and post-debate analysis
- Develop AI chat with the Vercel AI SDK and OpenAI, with streaming responses and Langfuse for prompt management and tracing; layered fallbacks and token limits keep usage within budget
- Integrate Resend for transactional email, Expo push notifications, and Vercel Blob storage for user-generated files
- Combine Sentry for error and performance monitoring, PostHog for web and mobile analytics, and OpenTelemetry metrics exported to Grafana Cloud for real-time visibility
- Use GitHub Actions for CI and EAS for mobile releases, with Vitest API tests

Technical Lead (Founder)

Jul 2023 – Apr 2025

Fitness App · *Independent Project*

France

- Developed a viable MVP in the first year, then kept the project as a personal lab to explore new technologies
- Designed and built an isomorphic mobile and web app from scratch with React Native and Next.js
- Built a GraphQL API with MySQL and multi-platform CI/CD pipelines, cutting deployment time
- Combined market research, user feedback, and input from a fitness coach to design training features that improved retention

Product Engineer · *previously Software Engineer*

Jan 2020 – Jul 2023

Amblea

Paris, France

- Delivered features end to end in a React, Next.js, and GraphQL codebase, from technical spec through development, testing, and deployment
- Built across React, Next.js, and React Native for faster load times and a more intuitive UX
- Added Jest and Cypress automated tests in TypeScript, cutting regressions by 8%
- Improved the release workflow and developer experience, cutting release time by 40%
- Resolved incidents and ran migrations with minimal impact on users
- Promoted React and TypeScript best practices, raising code quality across the team

Frontend Engineer

Jul 2019 – Dec 2019

Boxy

Paris, France

- Implemented React Native tech stack for scalable and rapid delivery
- Created a consistent mobile visual identity, supporting €5M fundraising efforts
- Built a lightweight web app for a retailer demo, leading to partnership discussions
- Set up continuous deployment for iOS and Android, speeding up delivery cycles

Frontend Engineer

Jul 2018 – Jun 2019

Winamax

Paris, France

- Built France's first bet combinator, expanding available betting options and enhancing user engagement
- Updated the interface for the Spanish market launch, improving user experience and accessibility
- Supervised and mentored three interns during their projects, fostering skill development and ensuring project success

Full Stack Developer

Sep 2016 – Jan 2017

31Ten

Shanghai, China

- Built a WeChat app for a luxury brand to reach the Chinese market, enhancing brand visibility and customer engagement
- Maintained three e-commerce sites and ran targeted ad campaigns for China, increasing site traffic and boosting sales
- Conducted an in-person project wrap-up with the project manager of a major marketing agency, ensuring final approval and client satisfaction
- Provided user training to support adoption and usage, leading to increased user proficiency and reduced support requests

SKILLS

PROGRAMMING LANGUAGES TypeScript, JavaScript, SQL, HTML, CSS

FRONTEND React, Next.js, Vercel, React Native, Tailwind CSS, Expo, Expo Router, Zustand, TanStack Query, Server Side Rendering

BACKEND Node.js, tRPC, REST, GraphQL, PostgreSQL, MySQL, Drizzle, Neon, Supabase, Redis, Zod, Inngest, XState, OpenAI, Langfuse, Mem0, RevenueCat, Resend

TESTING Vitest, Jest, Cypress

DEVOPS & TOOLS CI/CD, GitHub Actions, Docker, AWS, Vercel, EAS, Git, Sentry, Datadog, PostHog, OpenTelemetry, Grafana, Knip

PRACTICES Monorepo, Product Development, UX/UI Design, SEO, Code Review, Product Management, Market Analysis, Business Strategy, User Feedback, Cross-cultural Development, End-user Training, Entrepreneurial Mindset, Role-Based Access Control (RBAC), CSRF, Circuit Breaker

EDUCATION & LANGUAGES

EPITA · Engineering Degree, Computer Science · Grandes Écoles

Paris, France · 2013 – 2018

LANGUAGES French (Native) · English (Fluent)

THOMAS JOSSO · NYC