

FRANCISCO SOLLA

Senior Software Engineer

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PROFESSIONAL EXPERIENCE

Senior Frontend Software Engineer

Xometry - Thomasnet thomasnet.com | Jul 2024 - Present | USA, Remote

- **Core Web Vitals** – Purged unused code/libs, fixed context-selector misuse, and shifted resize logic to pure CSS, improving CLS/FID and clearing all “poor URL” flags in Google Search Console.
- **Styling Migration, reduce load time** – Migrated the entire Supplier Discovery App from Emotion to Loft HTML + CSS Modules, cutting bundle size and reducing first-load time.
- **Authentication UX and Performance Optimization** – Overhauled the Thomasnet authentication flow, improving UX. Implemented a useAuth hook that removed the previous auth context reducing re-renderings.
- **Modal Performance Optimization** – Refactored the modal context and component to use the native dialog element, optimizing state and reducing re-renderings.
- **SEO Optimization** – Restructured internal link architecture and followability.
- **PHP to React Migration, security** – Spearheaded phased migration of PHP pages to React, unifying codebase, fixing legacy PHP security issues, and enabling faster feature delivery

Senior Frontend Software Engineer

Gorgias gorgias.com | Aug 2024 - Dec 2024 | Paris, France

- **ACH Payments Support** – Fully owned the refactor of the billing setup flow using Stripe Elements; designed the supporting API and implemented it in collaboration with backend peers, unlocking support for all Stripe payment methods.
- **Global Tax Compliance** – Led cross-functional coordination between product, legal, design and engineering to define requirements across Europe, Canada, Australia, and USA. Designed the supporting API and implemented the frontend experience for collecting Tax IDs in the billing setup flow.
- **Error Page Overhaul** – Delivered custom 404 and 50x error pages via frontend, backend, and nginx, improving user experience.
- **Unit, Integration and E2E Testing** – Introduced frontend testing best practices and implemented critical billing path tests with Playwright and RTL during my first weeks, contributing to product stability and team quality culture.
- **Design System, Button** – Unified all button components into a single reusable component aligned with Gorgias’ design system guidelines, and replaced all legacy button usage across the company’s codebase with the new standardized version.
- **Design System, Form** – Implemented a reusable Form component that easily integrates Gorgias’ data collection components, improving developer experience.

Frontend Software Engineer

Faire faire.com | Apr 2022 - Nov 2023 | Canada, Remote

- **Europe Launch** – Successfully introduced the subscription program, Insider, to the European market. Applying education/communication phases, A/B testing and handling specificities of each European country.
- **Legal Terms** – Coordinated the project to establish specific terms for the Insider program, separating them from Faire's general terms, which improved clarity for users and strengthened the program's legal framework.
- **Javascript to TypeScript, MobX to React Hooks** – Transitioned Insider's code from JavaScript to TypeScript and from MobX to React Hooks.
- **Unit and Integration Testing** – Led the initiative to increase the Insider's test coverage from 60% to over 90%, positioning the team among the top 2% in the company in terms of code quality. This project significantly reduced the incidence of bugs.
- **Marketing Page Load Optimization** – Increased the Insider's marketing loading retention rate from 40% to 80% by identifying performance issues and migrating it to SSR.

Frontend Software Engineer

iFood ifood.com.br | Jul 2021 - Apr 2022 | São Paulo, Brazil

- **List Virtualization** – Implemented the virtualization of the store items lists to handle the hundreds of products in groceries stores.
- **State Management Optimization** – Restructured the shopping cart state management system, reducing update time from 3 seconds to less than 1 second after adding an item.
- **Homepage and Navigation Overhaul** – Relunched iFood's homepage and navigation bar integrating the new delivery categories with the pre-existing restaurants category.
- **JavaScript to TypeScript** – Contributed to iFood's codebase TypeScript migration.
- **Groceries Delivery MVP** – I led the development of a groceries delivery service MVP targeting lower income classes, implementing group purchase to cut delivery costs, deploying the first version in just two weeks.
- **Global State Management Optimization** – Improved Redux performance by replacing full-state subscriptions with granular optimized selectors and sharing best practices to reduce unnecessary re-renders across the application.

SUMMARY

With **8+ years of experience** building high-performance, scalable web and mobile applications across SaaS, B2B marketplaces, and consumer platforms. Skilled in TypeScript, React, React Native, Next.js, Expo, and other modern tools, with a proven track record of leading product feature development and contributing to large-scale design system initiatives.

With international experience across Brazil, Canada, France, USA and remote-first teams. I thrive in asynchronous, ownership-driven environments.

I lead features from concept to delivery and document decisions so future contributors understand the “why”.

I advocate for thoughtful, well-tested design systems that enable fast, confident development.

Document architectural directives to reduce decisions while coding. Remove the noise as much as possible.

Great software is built on great communication. We need lively, proactive and honest communication, to surface risks early, identify knowledge gaps, and avoid misalignment.

SKILLS

Languages: JavaScript • TypeScript • HTML

Frameworks: React • Next.js • React Native • Expo

Styling: CSS • Tailwind • Styled Components

Testing: Jest • React Testing Library • Playwright • Storybook

State Management: React Query • Redux • Zustand • React Hooks

Tooling: Figma • Vercel • Railway • Linear • Jira • Notion • Slack

Backend: Node.js • Express • Prisma • PostgreSQL • Redis • Resend

Web3: Wagmi • Viem • @solana/web3.js • bitcoinjs-lib • Alchemy

LANGUAGE

English

Full Working Proficiency



French

Intermediate



Portuguese

Native



Spanish

Intermediate



PROJECTS

Mycelia mycelia.solla.dev | github.com/franciscosolla/mycelia-web

Web3 playground to explore wallet integrations, on-chain data UX, account abstraction and derivation paths using wagmi, viem, WalletConnect, Alchemy, DeFiLlama, @solana/web3.js and bitcoinjs-lib.

EDUCATION

Bachelor's Degree, Mechatronics Engineering

Unicamp

2023 | Brazil

Final thesis: Developed [Reach](#), a geo-localized social network built in React Native

COURSES

Apple Developer Academy

Instituto Eldorado

2015 - 2016 | Brazil

Exchange at ENIB, Mechatronics Engineering

ENIB

2016 - 2017 | Brest, France