FRANCO MERCADO

Front-End Software Engineer

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PROFESSIONAL SUMMARY

Seasoned Front-End Software Engineer specialized in React and TypeScript with over 5 years of experience building scalable, accessible, and optimized web applications. Proven track record in high-performance environments including Mercado Libre and international startups, developing both SPA and SSR applications with strong testing practices (Jest, React Testing Library) and modern tooling such as Next.js, Redux Toolkit, GraphQL, and Tailwind CSS. Proficient in AI-assisted development workflows using GitHub Copilot, Cursor, and Claude Code. Skilled at collaborating with multicultural teams, mentoring junior developers, and adapting quickly to new technical challenges.

SKILLS

React | TypeScript | JavaScript | Next.js | Node.js | HTML | CSS | Tailwind CSS

SCSS / SASS | Material UI | Redux Toolkit | RTK Query | Context API | GraphQL | Apollo Client

REST APIs | Jest | React Testing Library | Git | Agile / Scrum | Grafana | Datadog

MongoDB | Server-Side Rendering | Accessibility (a11y) | i18n | GitHub Copilot | Cursor

Claude Code | MCP Integrations

WORK EXPERIENCE

Front-End Software Engineer   07/2024 – Present

Mercado Libre — Buenos Aires, Argentina

- Built and maintained React/TypeScript web applications with server-side rendering for fintech transaction features serving approximately 5,000 daily users.
- Led front-end efforts in a major framework migration, overhauling the component library and visual design system across the entire application.
- Developed Backend-for-Frontend (BFF) services for server-side API consumption, improving data handling and security.
- Achieved over 90% test coverage using Jest and React Testing Library.
- Delivered pixel-perfect designs using SCSS/SASS within a cross-functional team of 5 front-end developers, 4 back-end developers, and 2 product leads.
- Leveraged AI-assisted development tools (GitHub Copilot, Cursor, Claude Code) with MCP integrations for debugging, unit testing, documentation, and task management, accelerating development workflows.
- Optimized application performance and maintained production reliability through code reviews, refactoring, and on-call rotational support monitoring Datadog and Grafana dashboards.

React Developer
Portant — Sydney, Australia (Remote)   06/2023 – 06/2024

- Implemented full internationalization (i18n) across the entire application, enabling multi-language support for a global user base.
- Developed and maintained responsive web applications using React with TypeScript and Tailwind CSS.
- Implemented state management solutions with Redux, streamlining data flow and improving application performance.
- Optimized component communication through Context API, reducing unnecessary prop drilling.
- Collaborated with cross-functional teams to define project requirements and streamline development processes.

React Developer
GlobalLogic — Buenos Aires, Argentina (Remote)   08/2022 – 06/2023

- Achieved over 30% reduction in page load times through React memoization (useMemo, useCallback), image compression, and re-render optimization.
- Mentored 3 junior developers through a challenging client engagement, enabling the team to deliver the project successfully.
- Integrated GraphQL APIs and managed application state using Redux Toolkit and RTK Query.
- Conducted code reviews and fostered a culture of continuous learning, directly contributing to team resilience and on-time delivery.
- Leveraged Agile methodologies to deliver high-quality software solutions, increasing team productivity.

React Developer
Inventa — São Paulo, Brazil (Remote)   02/2022 – 08/2022

- Played a key role in migrating the platform from a no-code website builder to a custom React/Next.js application with server-side rendering.
- Styled the application using Tailwind CSS, ensuring responsive design across devices.
- Implemented semantic HTML to improve SEO and search engine discoverability.
- Diagnosed and resolved complex technical issues, improving application reliability and user satisfaction.

React + Node.js Full Stack Developer
Invasor — Buenos Aires, Argentina (Remote)   05/2021 – 08/2022

- Served as the sole developer, architecting and building the entire SPA from the ground up using React with Material UI.
- Designed and implemented the back-end GraphQL API with Node.js, querying a MongoDB database via Mongoose.
- Integrated front-end data fetching with Apollo Client for efficient GraphQL consumption.

Integrations Developer
Exisoft — Buenos Aires, Argentina (Remote)   03/2020 – 05/2021

- Developed and implemented integration solutions using IBM's ESB Integration Bus.
- Enriched data obtained from relational databases, SOAP, and REST services, modeling outputs to client specifications.

EDUCATION

Computer Science Engineering — Expected 11/2029 (2nd year in progress)
Universidad Argentina De La Empresa (UADE) — Buenos Aires, Argentina

Technical High School Diploma: Computer Science — 2019
Escuela Técnica Otto Krause — Buenos Aires, Argentina

LANGUAGES

Spanish — Native

Portuguese — Professional Working
Work experience at Brazilian company (Inventa)

English — Full Professional
Work experience at Australian company (Portant) + 6 years at Cambridge Institute of English Culture

Japanese — Basic
2 years of formal education at Centro Universitario de Idiomas (CUI)