Cesar Fonseca

Front-end Engineer | React, TypeScript & Remix | Web Performance | AI-Native Development

São Paulo, Brazil (Remote)
+55 19 99410-9129
cesarcorreafonseca@gmail.com
Website: https://cesarfonseca.dev
LinkedIn: linkedin.com/in/cesarfonsecadev | GitHub: github.com/cesuain

PROFESSIONAL SUMMARY

Front-end engineer with 7+ years building user-facing web applications, 5+ of them with React and TypeScript. Most recently the technical owner of Chubbies' headless Shopify storefront, where I delivered Constructor search and product listing pages in one month against a two-month deadline, cut cart updates from ~3s to ~1.2s and raised desktop Lighthouse performance from ~40 to ~84. Comfortable across the stack (Remix loaders, Shopify Functions, Node.js) and AI-native: I wrote the Claude Code review and QA skills my whole team used.

CORE SKILLS

Front-end: React, TypeScript, JavaScript, Remix / React Router, Next.js, Vue, HTML5, CSS3, SCSS, Tailwind CSS
Performance & Web Quality: Server-side rendering, Core Web Vitals, Lighthouse, lazy hydration, code splitting, semantic HTML, ARIA, SEO
Architecture: Component architecture, design systems, Storybook, data loading and caching, third-party integrations
Testing & Quality: Vitest, Playwright, Mock Service Worker, code review
AI-Native Development: Claude Code, MCP (Sentry, Jira, Figma, Chrome DevTools), custom agent skills for code review and QA, plan-first workflows, Cursor
APIs & Back End: GraphQL, REST, Node.js, Shopify Storefront API, Shopify Functions, Okta
E-commerce: Shopify Hydrogen, Constructor, Pack, Klaviyo, Segment, Elevar, Yotpo, Rivo, Loop Returns
Delivery & Monitoring: Git, GitHub, Vercel, Shopify Oxygen, Sentry, FullStory, Docker

PROFESSIONAL EXPERIENCE

Full Stack Engineer - Form Factory

May 2024 - Sep 2026 | Contract | Remote (California, United States)

- Technical owner of Chubbies' headless Shopify storefront in a five-person team: wrote tickets, reviewed code, planned next steps and aligned technical decisions with the client's product owner.
- Led the delivery of Constructor search, product listing pages, recommendations and autocomplete in ~1 month against a 2-month deadline, designing a hybrid integration: SSR for search and PLPs (SEO, tracking), CSR for personalized widgets.
- Cut search and PLP load times from ~4s to ~1.8s by serving product data from Constructor instead of per-request Shopify Storefront API calls.
- Reduced cart update time from ~3s to ~1.2s (worst case ~7s to ~4s) in one sprint by fixing Remix revalidation that re-ran heavy, uncached loaders after every cart action.
- Raised Lighthouse performance from ~40 to ~84 on desktop and from unscorable to ~70 on mobile through query splitting, lazy hydration, script deferral, GTM cleanup and image optimization, guided by Sentry telemetry.
- Built a custom React product-recommendation quiz after vendor embed and SDK approaches couldn't match the approved design, keeping Elevar, FullStory and Constructor tracking intact; it accounted for ~2% of conversions.
- Wrote the team's Claude Code skills for code review and QA, connected to Sentry, Jira, Figma and Chrome DevTools via MCP; adopted by every engineer, the PM and QA, and used to catch hard-to-reproduce bugs.
- Built a Next.js hub on Vercel with codebase knowledge, prototypes and the design system; the client used it to create its own prototypes for review with the design team.
- Refactored most storefront features, kept Hydrogen, React Router and Shopify API versions current, and covered features with Vitest and Playwright tests.
- Also contributed bug fixes, code reviews and features to the Turtle Beach and ISLE Hydrogen storefronts.

Frontend Engineer - Fusion Specialty (io.insure)

Jun 2022 - Mar 2024 | Contract | Remote (Sydney, Australia)

- Early engineer on io.insure, Fusion's online M&A insurance marketplace: built the quote flow, complex forms, dashboards and data tables in Vue and GraphQL with other developers.
- Built shared base components on the design team's design system, documented in Storybook and reused across projects.
- Introduced Mock Service Worker with the team across Storybook and Vitest, decoupling UI development and tests from the staging API and reducing development and QA time.
- Helped migrate the codebase from Vue 2 to Vue 2.7 and then Vue 3, refactoring components to the Composition API.

Full Stack Engineer - Dock

Dec 2021 - Jun 2022 | Full-time | Remote (Barueri, Brazil)

- Built the Okta-based authentication and core features of Dock's Banking-as-a-Service dashboard, where bank owners and stakeholders create banks, onboard clients and manage payments, APIs and account flows.
- Worked across React front ends and Node.js services on AWS: published and consumed Kafka events for asynchronous, decoupled communication between the microservices and the dashboard, and used Redis caching to cut response times and repeated calls to backend services.
- Took part in sprint planning and technical decisions with the engineering leads in an Agile team.
- Supported interns through project walkthroughs, code reviews and pairing on features and bugs.

Full Stack Developer - IBM

Jun 2019 - Dec 2021 | Full-time | Hybrid (Hortolandia, Brazil)

- Built a React, Node.js and TypeScript dashboard for monitoring IBM machines worldwide, used by senior leadership and engineering teams.
- Automated a manual system-access approval workflow with Python and Selenium: ~95% of requests ran hands-free and ~5% were flagged in a CSV for manual review, taking throughput from ~200 approvals per person per 8-hour day to ~3,000 a day.
- Started as a junior developer on infrastructure and system-health monitoring applications, supporting mission-critical systems.
- Applied testing strategies and clean-code practices, working with distributed teams under IBM's Agile and enterprise engineering standards.

SELECTED PROJECTS

- **claude-template (github.com/cesuain/claude-template):** Public Claude Code setup for a Next.js, Node.js and Supabase stack: role-scoped agents, workflow skills, guard hooks with regression tests, 8 MCP servers and an eval harness with an evidence-based rubric.
- **Freelance (under NDA):** Next.js and Supabase applications for private clients.
- **Ponto Cego (pontocegorock.com.br):** Next.js landing page for my band's first single, from art direction and copy to deployment on Vercel.

EDUCATION

Postgraduate Degree, Information Technology Management and Governance - Senac

2023

Bachelor of Technology, Systems Analysis and Development - Universidade Paulista (UNIP)

2020 - 2021

Bachelor's Degree, Industrial Engineering - Faculdade Santa Lucia

2017 - 2021

LANGUAGES

Portuguese (native) | English (advanced)