

Alexander Cesar

Design Engineer & Senior Frontend Engineer

Rio de Janeiro, Brazil (UTC-3)
+55 21 98247-1890
alexcesar@alexcesar.com
linkedin.com/in/alexandercesar · github.com/lexcesar · alexcesar.com

Summary	Design engineer shipping digital products end to end — frontend, backend and the AI tooling around them — on the web since 1997. Most recently: 14 months as the frontend specialist in a Swiss agency's team, and harness engineering that lets AI coding agents do reliable work. Everything I build is accessible by construction (WCAG, WAI-ARIA).	
Skills	Frontend	Angular (AngularJS through Angular 20 with Signals, legacy upgrades included), TypeScript, React, React Native / Expo, Astro, HTMX
	Backend & CMS	Node, Hono, Cloudflare Workers, Supabase, Python, Ruby on Rails, PHP / Laravel, Umbraco / .NET Razor, Sanity; Go (working knowledge)
	Design & quality	Figma, SCSS & design tokens, unit & E2E testing
	AI tooling	Claude Code, agent harnesses, MCP
Projects	compounder — open-source Claude Code plugin: an autonomous engineering pipeline whose quality gates try to refute the evidence instead of trusting self-attestation. compounder.alexcesar.com	
	PromptNinja — SaaS turning rough notes into structured prompts. Solo build: Hono, Cloudflare Workers, D1, Stripe. Live at promptninja.com.br	
	Holter Log — clinical diary PWA for the 24-hour Holter exam. Solo build: PWA, Supabase, Vercel. Live.	
Experience	Senior Frontend Engineer — AXIA DIGITAL · Rio de Janeiro, Brazil Jun 2025 – Present · self-employed, remote My own studio: the vehicle for the Swiss contracts below and for the products above. Direct invoicing of European clients.	
	Senior Frontend Developer — OPTEN AG · Dübendorf, Switzerland Jun 2025 – Jul 2026 · contract, remote Hired as the frontend specialist in the agency's team of designers and fullstack engineers: approved Figma designs to tested, accessible production code across 7 client products. Client names under NDA — anonymised case studies at alexcesar.com . - National sports federation platform — Game Center with live standings, schedules and player statistics. Umbraco 17 / .NET 10 / HTMX. - Voice-first B2B ordering app for a wholesale distributor — React Native / Expo, 60 fps audio recorder, upload queue with retry, DE/EN. - Enterprise customer portal — 15-component library composed into 10+ portal sections. Angular 17. - AI assistant interface — streaming chat for a distributor's staff. Angular 20 with Signals. - TV-production workflow tool for a national sports league. Angular 8. - Workplace-safety heat/cluster map. Angular 9. - Manufacturer CMS platform with editor-proof modules. Umbraco CMS. - Built an internal OPTEN Conventions Plugin — AI code review distributed across the agency's repositories: 5 review agents, 8 auto-loading skills, senior developers' PR corrections encoded as agent rules.	

Senior Frontend Developer — Noevu GmbH · Switzerland / Niterói

Jun 2025 – Jul 2026 · contract, hybrid, parallel

QA and technical direction on the OPTEN delivery, plus a client content platform delivered for Noevu: an Astro site backed by Sanity — content schema and Studio setup, editor/preview workflow, and a design-token styling system, built plan-first.

Senior Designer / UI Developer — CESAR

Nov 2022 – Feb 2025 · full-time, remote

Design and frontend in one role, for energy and technology clients.

- Built reusable component libraries across React, Angular and EmberJS, consistent with each client's design system.
- Facilitated co-creation workshops with stakeholders; modelled user flows and information architecture for complex responsive systems.
- Refactored critical frontend code; reviewed code for quality — Atomic Design, BEMIT, SMACSS, unit and E2E tests.

Earlier experience

UX Lead — Cidadania Já (legal-tech startup)

Sep 2021 – Mar 2022

Led UX/Research from discovery to launch of an immigration-planning MVP — built, approved and tested in 12 weeks. Introduced Scrum and product metrics to the UX team.

Senior UI/UX Designer & Frontend Developer — Eleva Educação

Mar 2020 – Sep 2021

Frontend of the gamified adaptive learning platform Luppa (Angular 11, .NET Core API, PWA); created the Eleva design system and migrated the educational portal from KnockoutJS to Angular.

Senior Frontend Developer — Ebix Latin America (Bradesco Seguros)

Jan 2019 – Sep 2019

Maintained and evolved SPAs (AngularJS, JSP) in a high-security insurance environment.

Founder · Senior UX/UI Designer & Frontend Developer — Design Acessível

May 2014 – Jul 2018

Wrote the Brazilian Navy's UX guidelines and redesigned the SIGSAUDE health-system UX; designed and built web apps with React, Node.js and WordPress.

Senior UX/UI Designer & Frontend Developer — Petrobras

Jan 2006 – Apr 2015

LOPE unified people finder — replaced every people-locating tool with one trilingual application serving a ~400,000-strong workforce. Created the corporate design framework adopted as the company standard for web applications; internal trainer on design and frontend practice.

Freelance Designer & Frontend Developer — independent practice

1997 – 2022

Paid exploration alongside every role above — the space to push past the day job's limits with new technologies.

Education

Postgraduate, Software Engineering — PUC Minas, 2025–2026 · grade 96/100 (software development & AI)

BA, Graphic Design (specialisation in Digital Design) — Escola Superior de Design Digital INFNET, 2009–2012

Languages

Portuguese (native) · English (fluent, IELTS 7.0) · Spanish (basic)

Contracting

Own company (AXIA Digital); direct invoicing of European clients — no employer-of-record required. Used to European-team hours from UTC–3.