Danilo Caldas | Senior Software Engineer
Curitiba, Brazil | Remote - LATAM / US time zones

Email: contato@danilocaldas.com | Phone: +55 (41) 98438-4614
Website: https://www.danilocaldas.com | LinkedIn: linkedin.com/in/dcalds

Professional Summary

Senior Software Engineer with 8 years of experience building web applications and 4 years collaborating with US-based product and engineering teams. Specializes in React, TypeScript, Next.js, frontend architecture, design systems, and web performance. Builds and modernizes data-intensive products through typed APIs, accessible components, and AI-assisted engineering workflows.

Core Skills

Frontend: React, Next.js, TypeScript, JavaScript, Angular, Vue.js, Tailwind CSS, Styled Components
Architecture & Quality: Frontend Architecture, Design Systems, TanStack Query, TanStack Router, Web Workers, Zod, Zustand, Redux, Storybook, Accessibility, Web Performance, Progressive Web Apps
Platform & Delivery: REST APIs, AI Coding Agents, Firebase, Docker, Azure, Jenkins, Grafana, Regression Testing

Latest Experiences

Senior Frontend Engineer | 99x Americas (formerly Nextly) | Aug 2022 - Present

- Built a reusable AI coding skill that enabled a US-based team to deliver 40+ production screens in under two weeks.
- Designed a six-stage, spec-driven workflow with AI agents, from requirements and technical design to QA and code review.
- Cut search and navigation times from 10-15s to under 3s with TanStack Query, prefetching, and caching.
- Kept interfaces with 10,000+ items responsive using virtualization, memoization, and rendering optimizations.
- Built network graphs and geospatial visualizations with Web Workers, streaming data, clustering, and cached layouts to keep expensive processing off the main thread.
- Modernized frontend architecture with domain-oriented APIs, Zod, and on-demand loading, removing redundant API calls. Resolved React 19 compatibility issues.
- Built a Storybook library with compound components and tests. Shipped claims analytics with reusable filters, charts, drill-downs, and exports.
- Led a responsive car-rental UI redesign from Figma prototypes using React and Next.js, with PWA capabilities and Firebase Cloud Messaging.

Frontend Engineer | Allied Brasil | Jun 2021 - Jul 2022

- Led the evolution of a large-scale data-plan sales application, improving code quality and maintainability through refactoring and modularization.
- Partnered with backend teams to integrate APIs and improve the product experience.
- Delivered features with React, Next.js, and Styled Components while maintaining and modernizing legacy Angular 8+ code.
- Optimized frontend assets to reduce page-load times and improve perceived performance.

IT Analyst | BB Tecnologia e Serviços | Jan 2021 - May 2021

- Migrated a legacy system in the Static Vehicle Portal (SVP) project using Angular 8+, redesigning key modules for better performance and maintainability.
- Designed and implemented API-integration solutions that streamlined data processing and reduced response latency.
- Worked closely with stakeholders to identify pain points in legacy systems and propose user-focused solutions.

Education

B.Sc. in Computer Engineering | Federal University of Maranhão (UFMA) - Brazil
2017 – 2020

Languages

Portuguese - Native | English - Advanced | Daily collaboration with US-based teams