Diego Carvajal

Passionate about creating innovative and creative solutions. I specialize in Frontend Development and UI/UX design, with experience building microfrontend architectures, implementing WCAG 2.2 standards, and developing scalable design systems.

KEY EXPERIENCE

TransUnion, Costa Rica (Remote) — *Mid Senior Frontend Engineer*

Credit Market Operating System
May 2024 - Present

- **Technical leader** in UI migration from monolithic to microfrontend architecture using Module Federation, improving performance, enabling team autonomy, and reducing deployment friction.
- Developed a custom **CLI tool** for Micro Frontend configuration, significantly optimizing development team workflows.
- Implemented **WCAG 2.2 accessibility standards** across entire modules, improving usability and regulatory compliance. Created company-wide development guidelines to ensure consistency.
- Contributed to research, documentation, and development of core product improvements, focusing on **scalability** and **maintainability**.
- Built scalable and **accessible components** with React, Vue 3, TypeScript, Storybook, and Sass for the corporate design system.
- **Mentored** developers in frontend best practices and architecture.

Technologies: React, Vue 3, TypeScript, Storybook, Sass, Module Federation, WCAG 2.2, Pinia, Node.js

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Qora.dev, Costa Rica — *Founder & Full Stack Developer*

Software Development Studio
April 2023 - Present

As a freelance developer under the Qora brand, I design and build high-quality software solutions, from complete SaaS products to specific client projects. **Qora is my seal of guarantee** for scalable, maintainable, and user-centered code.

Featured Projects:

PrimeFit.coach — Full-stack gym management SaaS platform

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KEY SKILLS

Software Development

Frontend Application Architecture

User-Centered UI/UX Design

Microfrontend Architectures

Component-Driven Development

Performance Optimization

Accessibility Standards (WCAG 2.2)

Scalable Design Systems

Agile Methodologies

Technical Mentorship

Programming Technologies

React (5+ years)

TypeScript (4+ years)

JavaScript (5+ years)

Vue.js (3+ years)

Redux / Zustand (4+ years)

Supabase (3+ years)

PostgreSQL (4+ years)

Next.js (2+ years)

Tailwind CSS (4+ years)

- Developed a complete **multi-tenant gym management platform** with role-based access control and real-time workout tracking.
- Optimized state management **reducing re-renders by 80-90%**, significantly improving performance.
- Implemented **robust authentication and authorization** with multiple security layers from frontend to database.
- Currently **serving multiple active production clients** with several gyms using the platform.

Technologies: React 18, TypeScript, Redux Toolkit, Supabase, PostgreSQL, Tailwind CSS

getDask.com — Dance academy management system (SaaS)

- Built a **complete student management** system with payment tracking, attendance control, and automated notifications.
- Reduced **administrative tasks by 10 hours per week** through process automation.
- Designed an **intuitive interface** for non-technical users using React 18.
- Implemented automated monthly charge generation system and payment validation withEdge Functions.

Technologies: React 18, Supabase, Tailwind CSS, Zustand

LUMMA — Casino management system

- Comprehensive system for managing multiple slot machine venues, revenue tracking, maintenance costs, and financial analysis.

Technologies: React 18, Supabase, PostgreSQL, Tailwind CSS

Client Development — Custom solutions and landing pages (Freelance)

- Created custom landing pages and websites for various clients, focused on performance optimization and UX.
- VPN Certificate Management System built with Angular 16 and Flowbite.
- Delivered tailored solutions using modern technologies and best practices.

Technologies: React 18, Angular 16, TypeScript, Next.js, Astro, React Native

5e Creative Labs, Costa Rica — *Full Stack Developer*

Digital Agency & Media
May 2021 - February 2023

- Responsible for development and maintenance of **CMS and main site for La República**, **one of Costa Rica's leading media** outlets.
- Improved site performance by **16% by reducing CSS from 18,000 to 12,000 lines through optimization and modularization**.

Sass/SCSS (5+ years)

Angular (2+ years)

Node.js (4+ years)

React Native (2+ years)

Laravel (2+ years)

Git (5+ years)

Docker (2+ years)

Jest (3+ years)

LANGUAGES

Spanish (native), **English** (B2 - conversational/professional)

VALUES

Deliver value to users fast

Clean, maintainable code over quick fixes

Accessibility is fundamental, not optional

Extra time spent on quality will always pay off

User empathy in every technical decision

Team collaboration and transparency

EDUCATION

Universidad de Costa Rica, San José, Costa Rica
Bachelor's Degree in Business Informatics
2017 - 2021

- Developed and maintained an **electronic invoicing system integrated with Costa Rica's Ministry of Finance API,** processing thousands of monthly transactions.
- Worked with a full stack including React, Vue.js, Laravel, Statamic CMS, WordPress, and TypeScript.
- Developed **reusable React components for WordPress integration** (Semanario Universidad).
- Built Widu application using TypeScript, ReactJS on frontend and Node.js on backend.
- Developed NativoPass, coupons and discounts app using Laravel, VueJS, and CapacitorJS for mobile distribution.

Technologies: React, Vue.js, PHP, Laravel, Statamic, WordPress, TypeScript, Node.js, HTML5, CSS3, CapacitorJS

Coursera | Google
 Foundations of User Experience (UX) Design
 2025 - In progress

HOBBIES

Latin Dance. Active practitioner of salsa and bachata, which has taught me about discipline, teamwork, and the importance of constant practice—skills I apply directly to my professional development.