

David Calderon

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EXPERIENCE

Altitud | Co-Founder/Front End Developer | Santa Ana, CA

Sep 2023 - Present

- Delivered **6+ production client websites** and build production React/Next.js sites that increased client web traffic by **1,000+ new users** through SEO, accessibility fixes, and performance optimization
- Reduced average feature delivery time **~25% (≈ 2 days → 1.5 days per feature)** by building a reusable React + Tailwind component system used across all client projects
- Improved mobile lead **conversion rates by ~15%** by standardizing mobile-first layouts, simplifying form inputs, and enforcing WCAG-compliant interaction patterns

US Department of Agriculture | Software Developer | Riverside, CA

June 2024 - August 2024

- Reduced researcher query time by **~40% across 30K+ crop fields** in Palo Verde by implementing filterable tables, column-level search, and responsive data views that eliminated manual row scanning
- Increased dataset **analysis throughput by ~2×** for seasonal crop comparisons by enabling multi-field filtering and restructuring dashboard hierarchy to surface key variables in a single view
- Delivered a production analytical dashboard used in the **UCR MSRIP** conference presentation by shipping **8+ weekly UI iterations** and validating requirements with a cross-functional research team

Cora | Full-Stack Engineer - Team Lead (Project)

September 2025 - Present

- Reduced incident update latency from **manual refresh (~10–15s user delay)** to **<1s** by implementing Supabase subscriptions to synchronize map markers and feed state across views
- Improved mobile PageSpeed performance from **~70 → 90+** and enabled **PWA installability** by implementing service workers, code-splitting, and optimized asset delivery for **app-like access without app store friction**
- Led a **5-person team** and reduced cross-component UI rework by **~30%** by standardizing shared state filtering across map and feed architecture

GPP | Web Developer | Remote

April 2024 - September 2024

- Shipped a production Next.js + TypeScript learning platform serving **2,000+ students** by converting Figma designs into a reusable component system and responsive page templates
- Cut average UI build time from **~1 day → ~5–6 hours per page** by standardizing Tailwind utility patterns and shared layout components across the project
- Improved mobile load performance from **~3.5s → ~2.2s** by compressing images, deferring non-critical scripts, and enforcing responsive asset sizing

PROJECT SHOWCASE

Calderon Bulldogs | **Full-Stack e-commerce** website for local business

[Project Link](#)

Green Project | **Front-end educational platform** for high-school students

[Project Link](#)

Altitud | **Full-Stack** Landing page to attract interested clients

[Project Link](#)

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL, HTML/CSS

Frameworks: React, Next.js, Tailwind CSS, shadcn/ui

Data & APIs: Supabase, REST APIs, Node.js/Express

Performance & Analytics: Lighthouse, PageSpeed, Google Analytics, SEO, WCAG

Tools: Git/GitHub, Vercel, Figma, Vercel Analytics

EDUCATION

Bachelor of Science, Computer Science

Graduation Date: May 2026

California State University of Fullerton

Relevant Coursework: Software Engineering, Front-End Development, Back-end Engineering, Database systems