

NICK CALDERONE

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From architecting the SBA's Business Search API to leading award-winning COVID-19 response sites, I build performant, accessible, and scalable web applications.

WORK EXPERIENCE - Software Engineer

SBA Small Business Search, 2024 - 2026

- Built and refined the React/TypeScript search front-end, delivering responsive, accessible experiences with filtering, sorting, and UX patterns that help users quickly find relevant businesses.
- Architected the business search API back-end to ingest, normalize, and serve 3M+ records, enabling scalable search and ongoing real-time updates.
- Optimized indexing and query performance, cutting search response times by 70%+ while preserving quality.

Pitkin County COVID-19 Response & Recovery Website, 2019 - 2024

- Led development of a centralized public information site supporting rapid content changes and public health services to over 100,000 monthly users.
- Built reusable page templates and components that let stakeholders publish consistent updates quickly while maintaining visual and content standards across the site.

Other Projects, 2019 - Present

- Successfully delivered numerous React prototypes for government clients including a 311 non-emergency reporting tool for the city of Cary, NC which included dynamic multi-step forms and seamless mobile app integration.
- Led development of an accessible, bilingual website for a county telecommunications department, enabling residents to report service outages and access broadband and translator resources.
- Rebuilt and optimized legacy code across multiple municipal websites to bring them into compliance with Title II of the Americans with Disabilities Act.

Skills

React • Vue • TypeScript • Next.js • Nuxt • Node.js • REST APIs • Sequelize • Docker • Express • NestJS • MeiliSearch • TanStack (Table/Query) • Component Libraries/Design Systems • HTML • CSS • Styled Components • SASS/SCSS • Git • Figma

Education

MICHIGAN STATE UNIVERSITY - Bachelors of Science in Horticulture

Awards

[2021 GovX Experience Awards - Overall County Government Experience Finalist](#) for the Pitkin County COVID-19 Response & Recovery website