

# Raffaele Cataldo

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<https://raffaelecataldo.com>

(707)409-8076

*Full stack software engineer*

*Passionate problem solver with an eye for design*

## Technical Skills

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- TypeScript/Javascript
- React/NextJS
- Recoil/Redux
- Jest
- CSS/Tailwind/MaterialUI
- NodeJS/Express
- Git
- Python/Flask
- MongoDB
- SQL
- Rust/Tokio/Warp
- HTML

## Work Experience

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### WithEncore: Back-office solutions for Hollywood

May 2022-April 2023

*Web Developer Contractor*

- Increased development speed and consistency across app by designing and developing reusable UI components with React/NextJS and TypeScript
- Leveraged React Recoil for state management and React 18 Suspense to improve app performance and time to first render
- Designed and built custom hooks to streamline multi-step form implementation, state persistence, and user feedback, resulting in increased development speed and maintainability of the codebase
- Migrated MVP from JavaScript to TypeScript to enhance the quality and scalability of the codebase
- Developed robust API endpoints that interact with Prisma and MongoDB to perform CRUD operations on user data
- Implemented rate-limiting on login forms using Redis, increasing application security.
- Developed UI features according to figma designs in a timely manner
- Contributed to decisions regarding architecture, data models and design with other developers and startup founders.

### Freelance Web Developer

May 2021-April 2022

- Developed responsive, performant landing pages for musicians and artists, improving SEO and time to first paint when compared to their previous, no-code versions (<http://lordyouth.com>, <http://goodnightcircus.com/>)

## Volunteer Activities

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### Radical Engineers

March 2022 - Present

*Software Engineer*

- Designed and developed a workplace accessibility survey app for UK based non-profit, helping them improve outreach and understand their customer base: <https://quiz.sicofficial.co.uk>
  - Created a custom CMS for the company to easily edit the survey questions
  - Designed data models that allow for efficient data manipulation

- Visualization backend allowing for a comprehensive view of website analytics, survey responses, providing immediate
- Developed a Twilio/Python Flask phone-tree app for a prisoner's rights group, Straight Ahead, to improve prisoner support as well as fundraising communication

## Languages

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|---------------------|--------------------------|--------------------------|
| • English (native)  | • Spanish (advanced)     | • Turkish (intermediate) |
| • German (advanced) | • Italian (intermediate) |                          |