

FRONTEND DEVELOPER

James Mitofsky

Frontend Developer

PORTOFOLIO




JAMES MITOFSKY

Frontend Developer



 hey@JamesMit.dev

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 [/JamesMitofsky](https://github.com/JamesMitofsky)

SKILLS

 TypeScript

 React.js

 Material UI

 Next.js

 Google Firebase

DISTINCTIONS

Pépité France: National Student-Entrepreneur

EDUCATION

2023–2024

CESI Engineering School

• Application Developer

2022–2023

University of Caen

• French studies

2018–2022

University of Vermont

• Political Science

Professional Development

• Just JavaScript - Dan Abramov

• Advanced React - Bob Ziroll

• The Design of Everyday Things

LANGUAGES

 Native

 C1

 A1

PROFESSIONAL OBJECTIVE

I make it a point of pride to deliver products founded on stable, organized, and well documented code. Passionate about collective learning, I really enjoy team settings, and I'm excited to continue expanding my horizons.

WORK EXPERIENCE

Frontend Developer | Grinto

June 2023–Nov 2023

Work with multiple technologies according to client needs.

TypeScript, JavaScript, Nuxt, PHP, Wordpress

React Developer | Elitt

Jan 2023–May 2023

Develop an internal tool for credit card security researchers.

TypeScript, React, Material UI

Researcher | Tufts University

June 2021–Jan 2022

- Create an application to calculate the electoral participation rate.
- Publish research disaggregating voting rate data.

Developer | Freelance

Jan 2020–Present

• UVM Votes : Create a site promoting participation in public elections. Eleventy.js, CSS, & 9,435 visites selon Google Analytics.


• Moho Events : Reduce the complexity of managing events.

TypeScript, React, Material UI, Firebase Auth, Firestore Database

Accessibility Technician | University of Vermont Aug 2019–May 2020


Ensure students have access to educational materials and convert traditional books to accessible e-books.

PROJECTS

[Design Challenge](#) 

Develop an application strictly following a Figma mockup.

TypeScript, React, MUI

[Access Authenticator](#) 

Improve the security and resident experience of accessing a secured space. React, Next.js, MUI, Firebase Auth & Database

[Unwaitlist.io](#) 

Notify students by text as soon as their desired university course becomes available. Nuxt, Azure, Twilio & Google APIs.

VOLUNTEER EXPERIENCE

Director | UVM Votes

Aug 2019–Jan 2022

• Increased the voter participation rate in public elections.

Director of Education | EVC National

May 2021–May 2022

• Served as a data specialist, coordinating 69 university campuses.

INTERESTS

- Playing the guitar and the piano
- Rock climbing
- Skiing & snowboarding

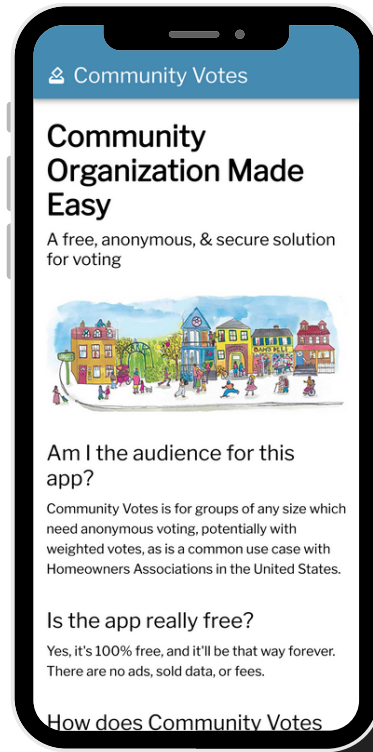


About Me

James Mitofsky

Building apps that feel alive and deliver great UX is what I love, and it's all the more fun when I can mix French into my work.

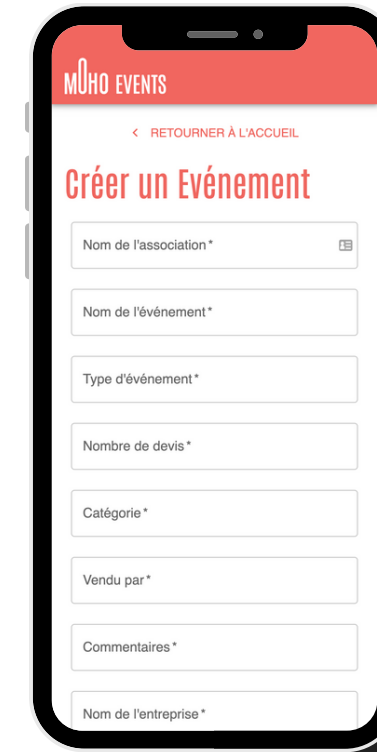
I'm interested in music, the environment, and behavioral economics. I go for runs to explore the world around me, and I've got side-projects galore.



Community Votes

- React.js
- React Router
- Material UI
- REST API

Recent Projects



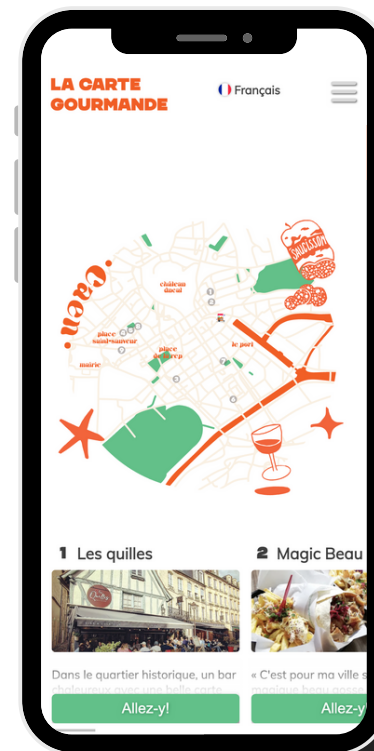
Moho Events

- TypeScript
- Next.js
- Material UI
- React Hook Form
- Firebase



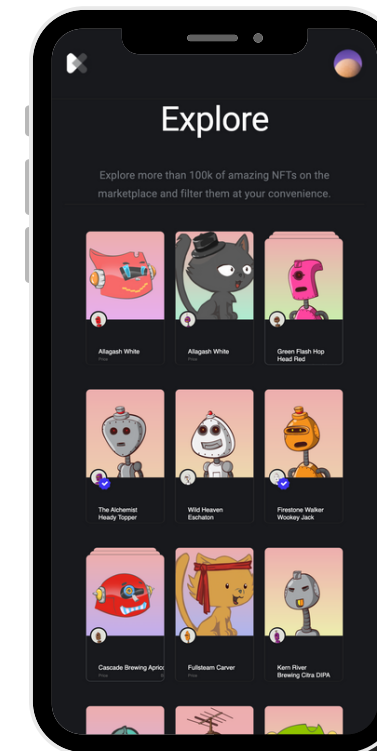
Moho Access

- React.js
- Next.js
- Material UI
- Firebase



La Carte Gourmande

- JAMstack
- Eleventy.js
- UX Interviews
- CSS



Design Challenge

- TypeScript
- React.js
- Material UI
- REST API

Moho Access

 Source



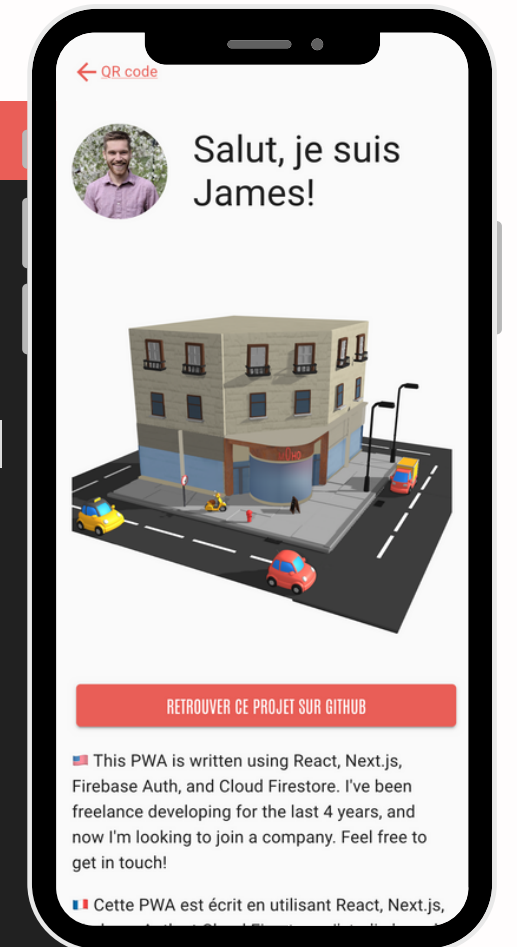
? Challenge

Working with resident QR codes is a manual and finicky process, bad for both users and administrators.

✓ Opportunity

Improve convenience and security by moving the QR code to a web-app with SSO authentication.

`</> React, Material UI, Firebase Auth, Cloud Firestore, Next.js`



M O H O A C C E S S

Community Votes

[Source](#)

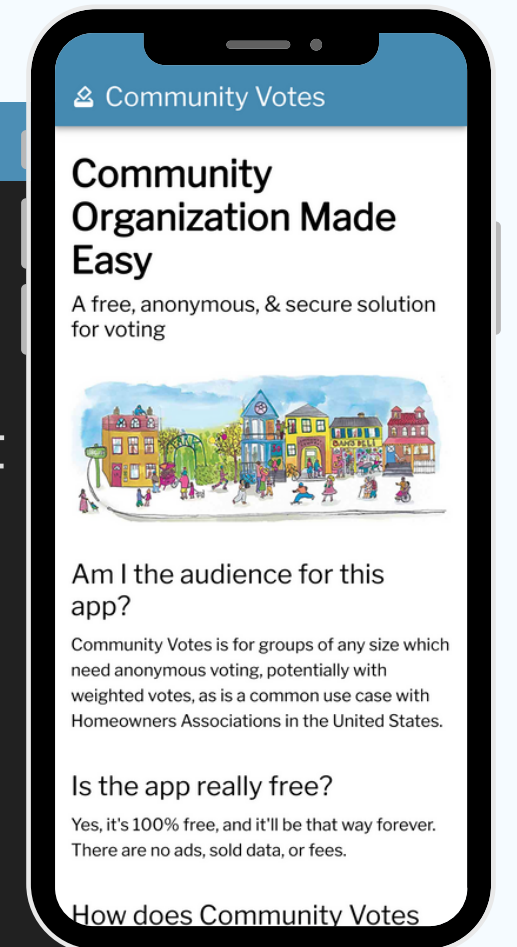
? Challenge

There are no free solutions for a transparent voting system which handles unequally weighted votes.

✓ Opportunity

An app to handle both the security and weighting, released as a free-forever tool.

</> React, Material UI, Custom REST API, Team Development



COMMUNITY VOTES

La Carte Gourmande

[Source](#)



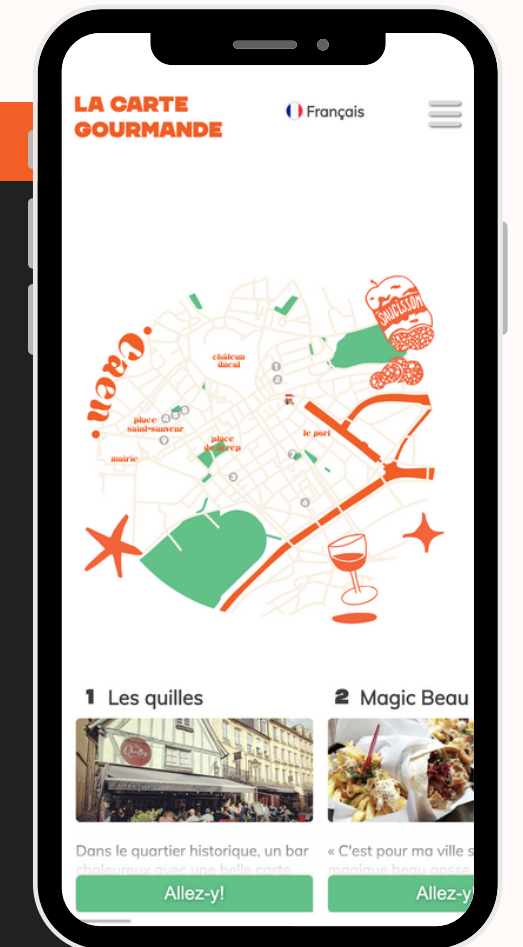
? Challenge

Local restaurants wanted to increase their visibility for tourists by creating a map of ten highly recommended stops in the city.

✓ Opportunity

Convert a physical map into an interactive web-app, translating the content into 3 languages with native-speaking authors with

`</>` Eleventy.js, JavaScript, SVGs, CSS



Design Challenge

[Source](#)

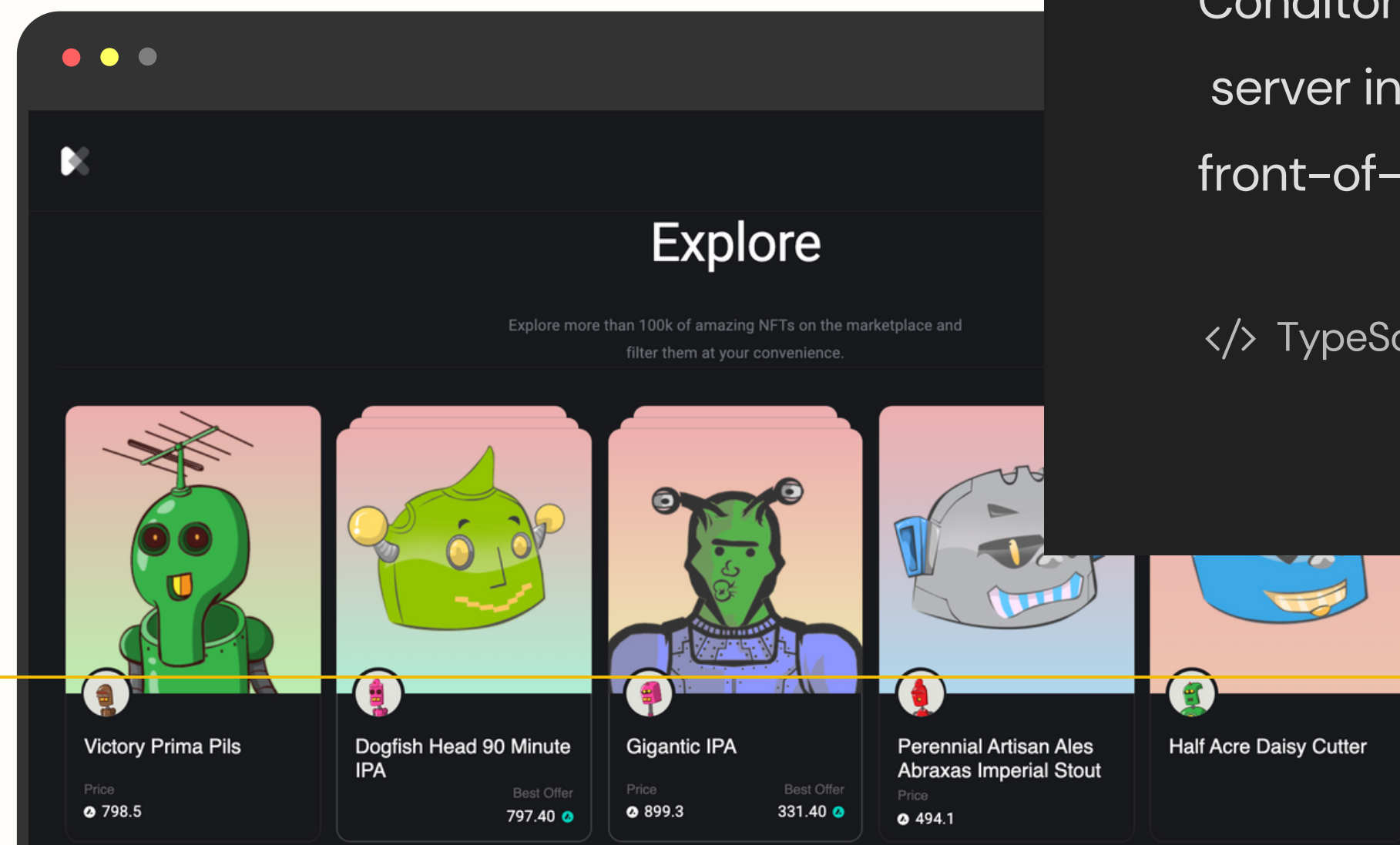
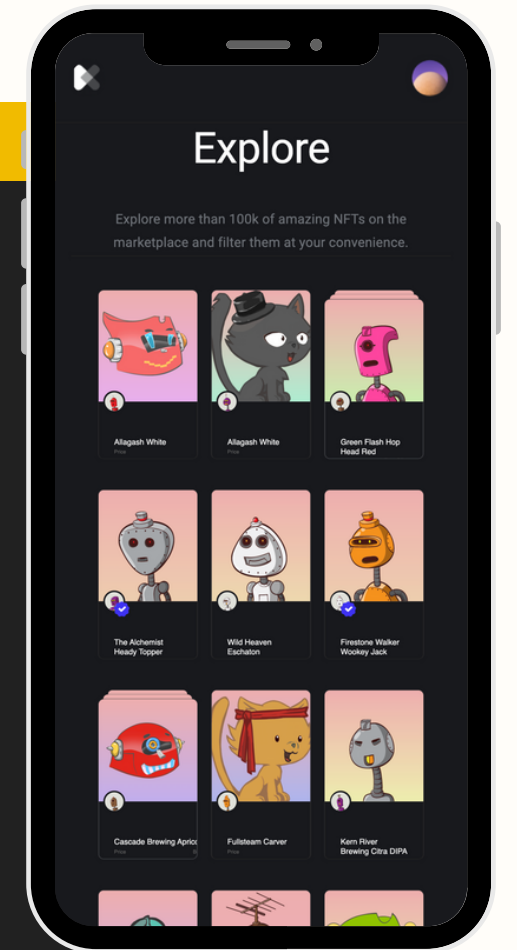
? Challenge

There was a mockup created by a designer which needed to be implemented dynamically depending on server data.

✓ Opportunity

Conditionally render components based on server information, keeping maintainability front-of-mind while creating the code base.

`</>` TypeScript, React, Material UI, REST API



DESIGN CHALLENGE

UVM Votes

[Source](#)



? Challenge

College students face barriers to voting in public elections but lack support and information to overcome these problems.

✓ Opportunity

A JAMstack website to render content from a custom CMS on a site which points to the most important information.

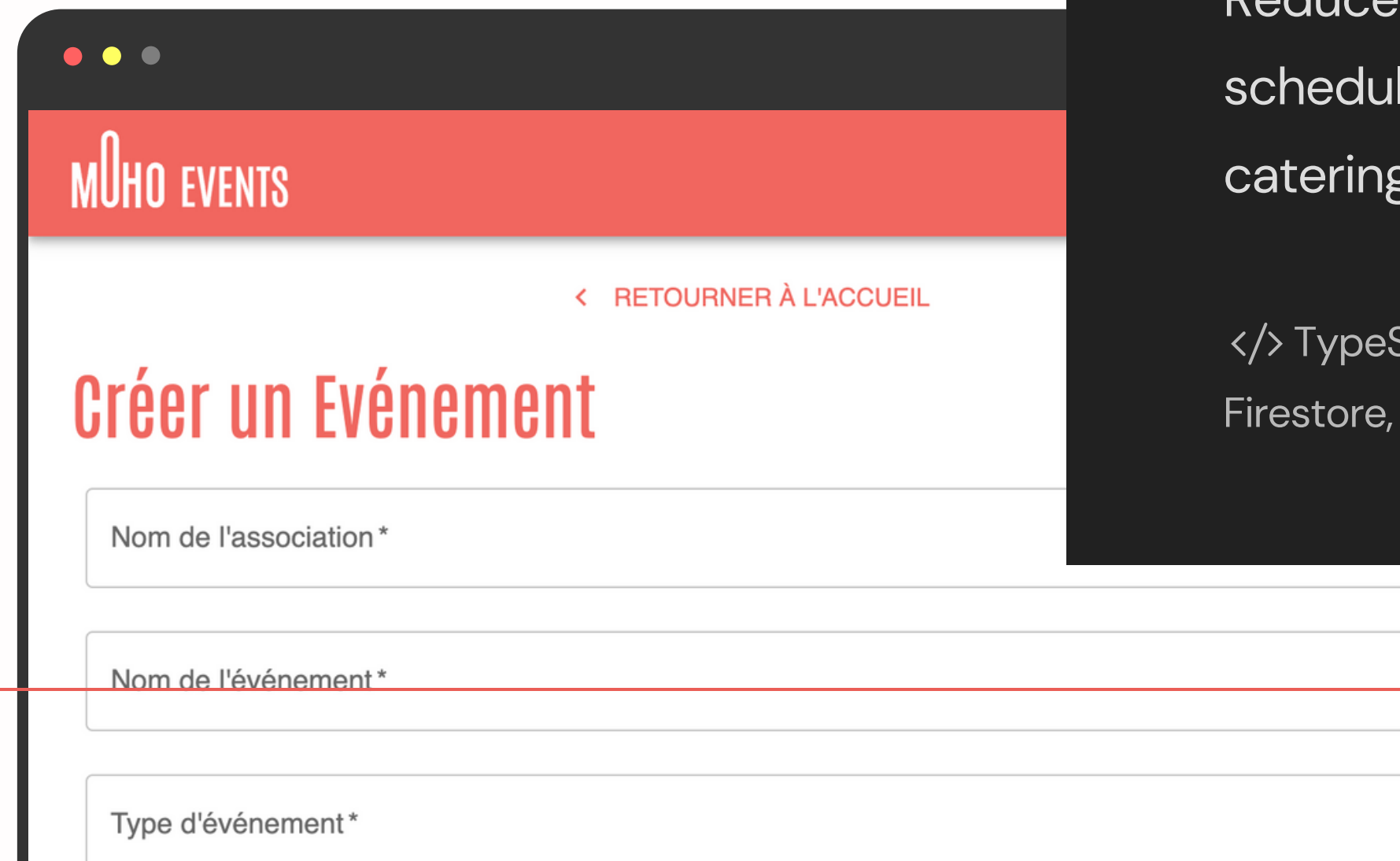
`</>` JavaScript, CSS, Nunjucks, Eleventy.js



U V M V O T E S

Moho Events

[Source](#)



MOHO EVENTS

[< RETOURNER À L'ACCUEIL](#)

Créer un Événement

Nom de l'association *

Nom de l'événement *

Type d'événement *

? Challenge

It is a strain on the catering staff to repeatedly inspect a Google spreadsheet from their phone while they're working.

✓ Opportunity

Reduce the complexity of completed event schedules to increase the efficiency of the catering staff.

`</>` TypeScript, Next.js, Material UI, Firebase Auth, Cloud Firestore, Google Cloud Functions



MOHO EVENTS

[< RETOURNER À L'ACCUEIL](#)

Créer un Événement

Nom de l'association *

Nom de l'événement *

Type d'événement *

Nombre de devis *

Catégorie *

Vendu par *

Commentaires *

Nom de l'entreprise *

MOHO EVENTS

Unwaitlist.io

[Source](#)

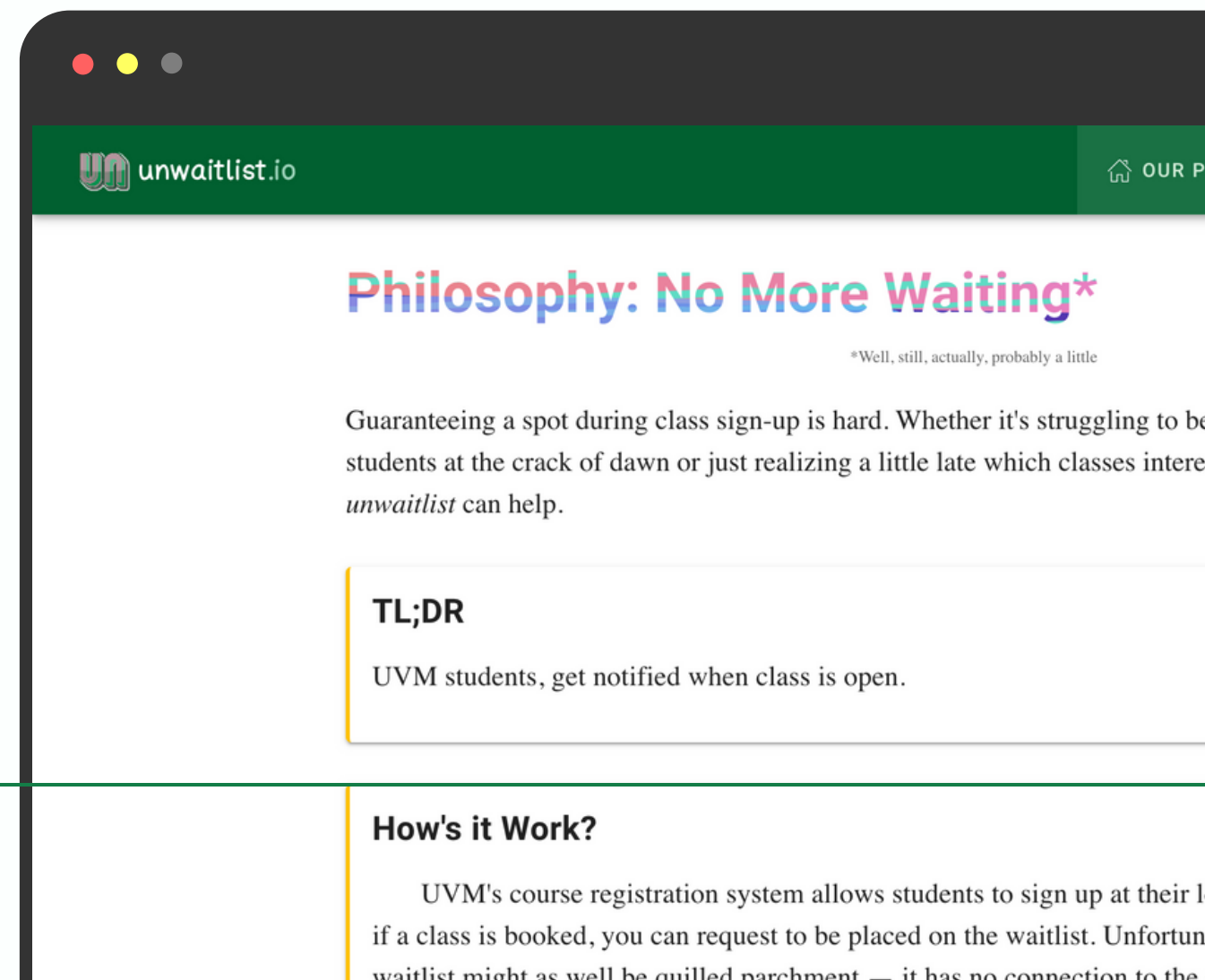
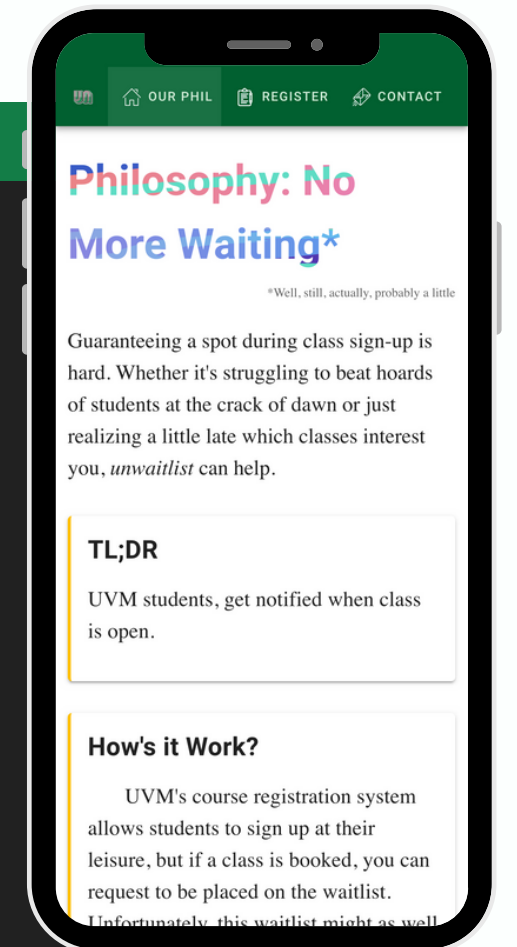
? Challenge

It was difficult to know when there was a spot open during class registration. The school's "waitlist" wasn't actually real.

✓ Opportunity

Poll the university's course registration database every 5 minutes, texting students when their desired class had an opening.

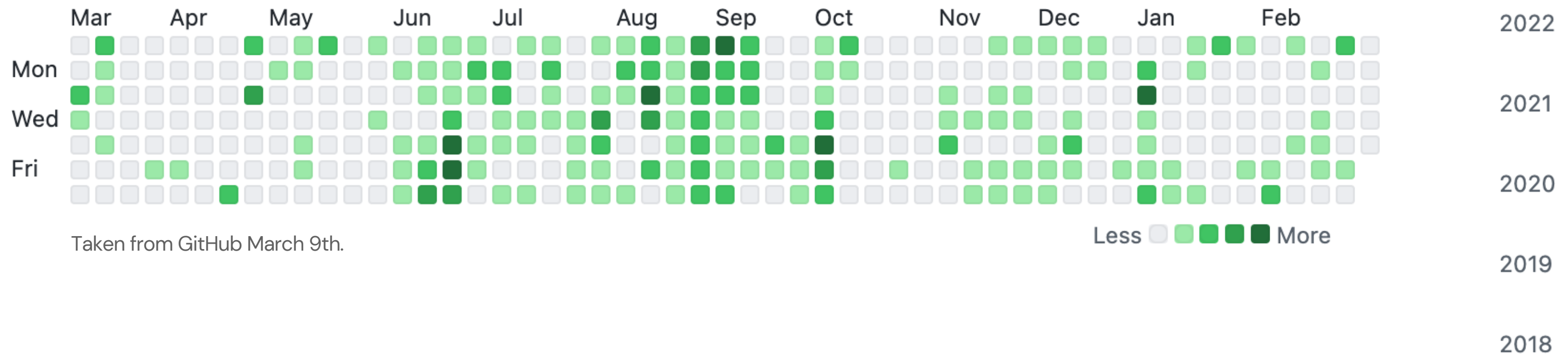
`</>` Vue, Nuxt.js, Azure Functions, Google Sheets SDK, Gmail SDK



Coding Frequency

1,483 commits during the last year.

Without including those done at work.





Taken from GitHub March 9th.



Let's *build stuff*

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 github.com/JamesMitofsky