

F R O N T E N D   D E V E L O P E R

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# James Mitofsky

## Frontend Developer

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P O R T O F O L I O



# JAMES MITOFSKY

Frontend Developer



[hey@JamesMit.dev](mailto:hey@JamesMit.dev)

(+33) 7 68 34 47 33

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

## SKILLS

TypeScript

React.js

Material UI

Next.js

Google Firebase

## DISTINCTIONS

Pépite 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

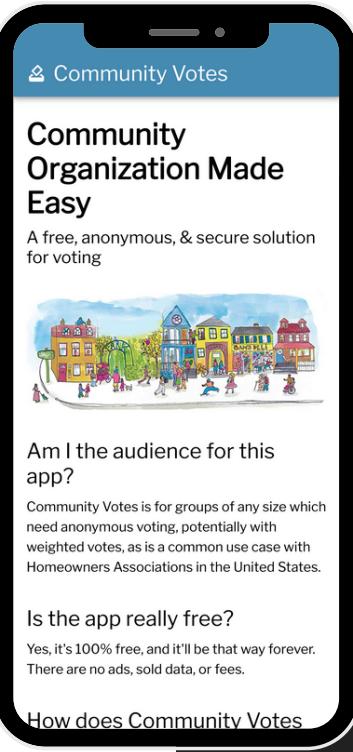


# About Me

*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.

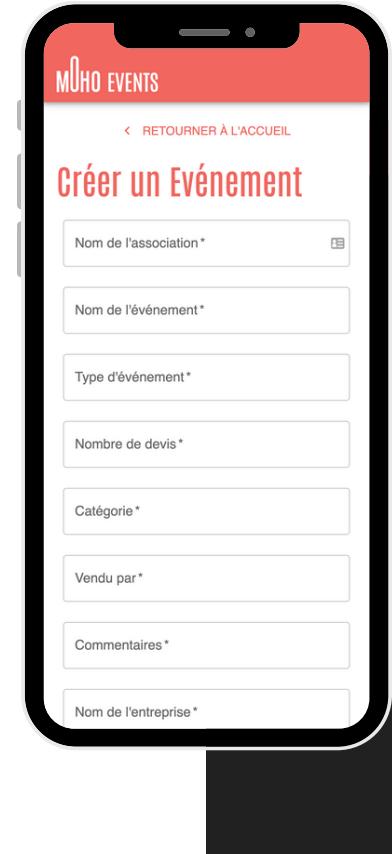
I'm interested in music, the environment, and behavioral economics. I go for runs to explore the world around me, and I've got side-projects galore.



# Community Votes

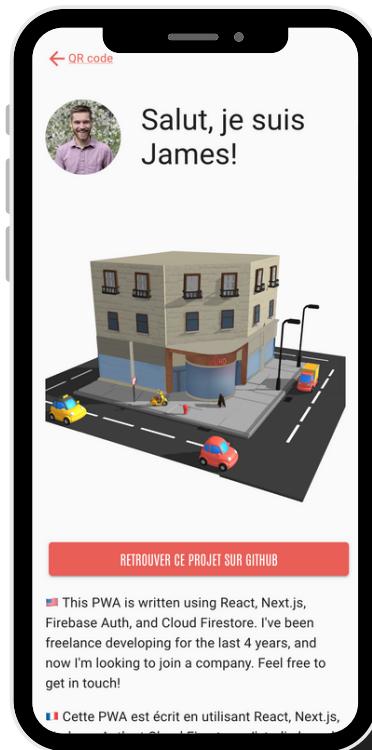
- React.js
- React Router
- Material UI
- REST API

# Recent Projects



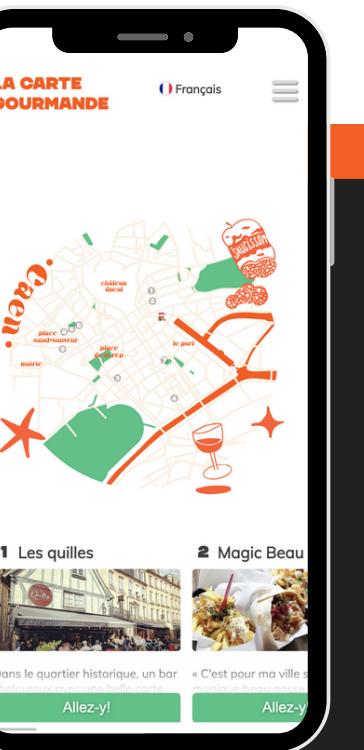
# Moho Events

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



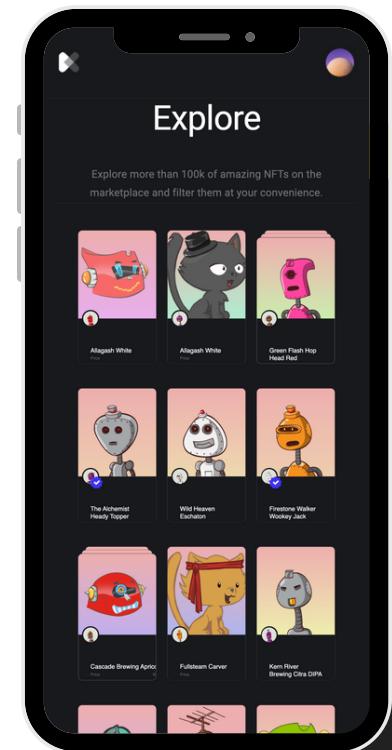
# Moho Access

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



# La Carte Gourmande

- JAMstack
- Eleventy.js
- UX Interviews
- CSS

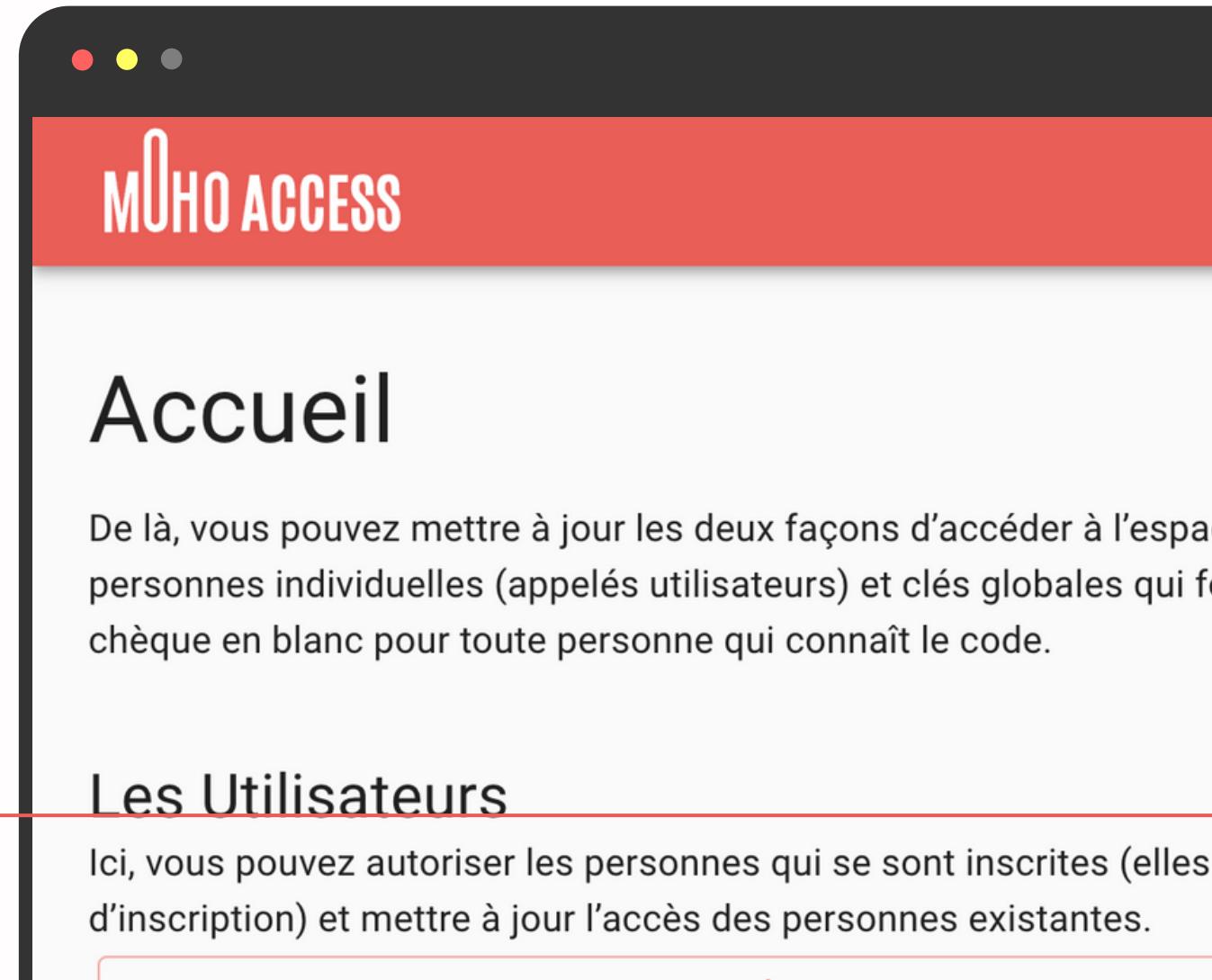


# Design Challenge

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

# Moho Access

 Source



The screenshot shows the Moho Access web application. At the top, there's a red header bar with the "MOHO ACCESS" logo. Below it, the main content area has a dark background. On the left, a sidebar titled "Accueil" is visible. The main content area contains two sections: "Les Utilisateurs" (User Management) at the bottom and "De là, vous pouvez mettre à jour les deux façons d'accéder à l'espace personnes individuelles (appelés utilisateurs) et clés globales qui fo" (From here, you can update the two ways to access the individual people space (called users) and global keys which fo) in the middle. A red horizontal line runs across the bottom of the content area.

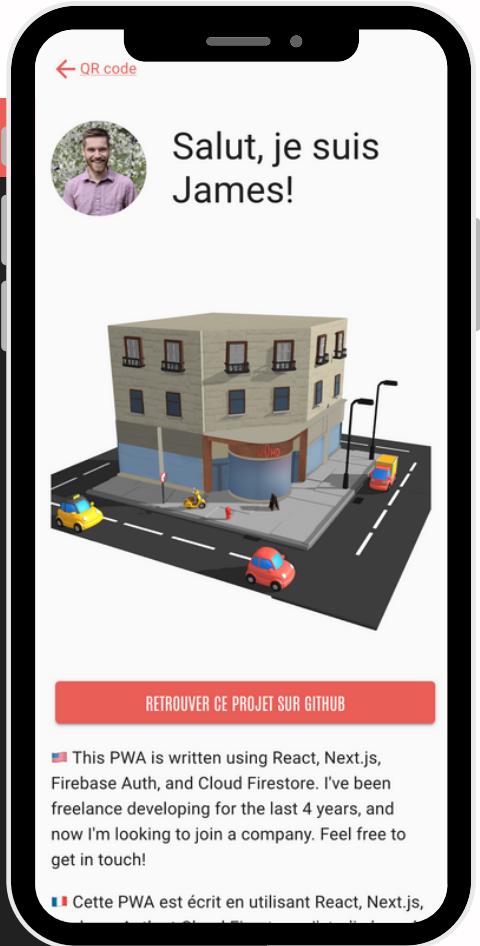
## ? Challenge

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



# Community Votes

 Source



## ? Challenge

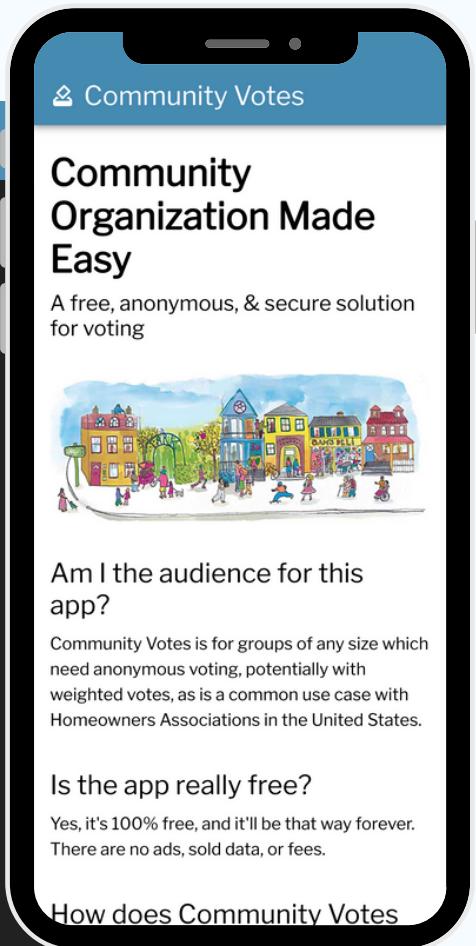
There are no free solutions for a transparent voting system which handles unequally weighted votes.

## ✓ Opportunity

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

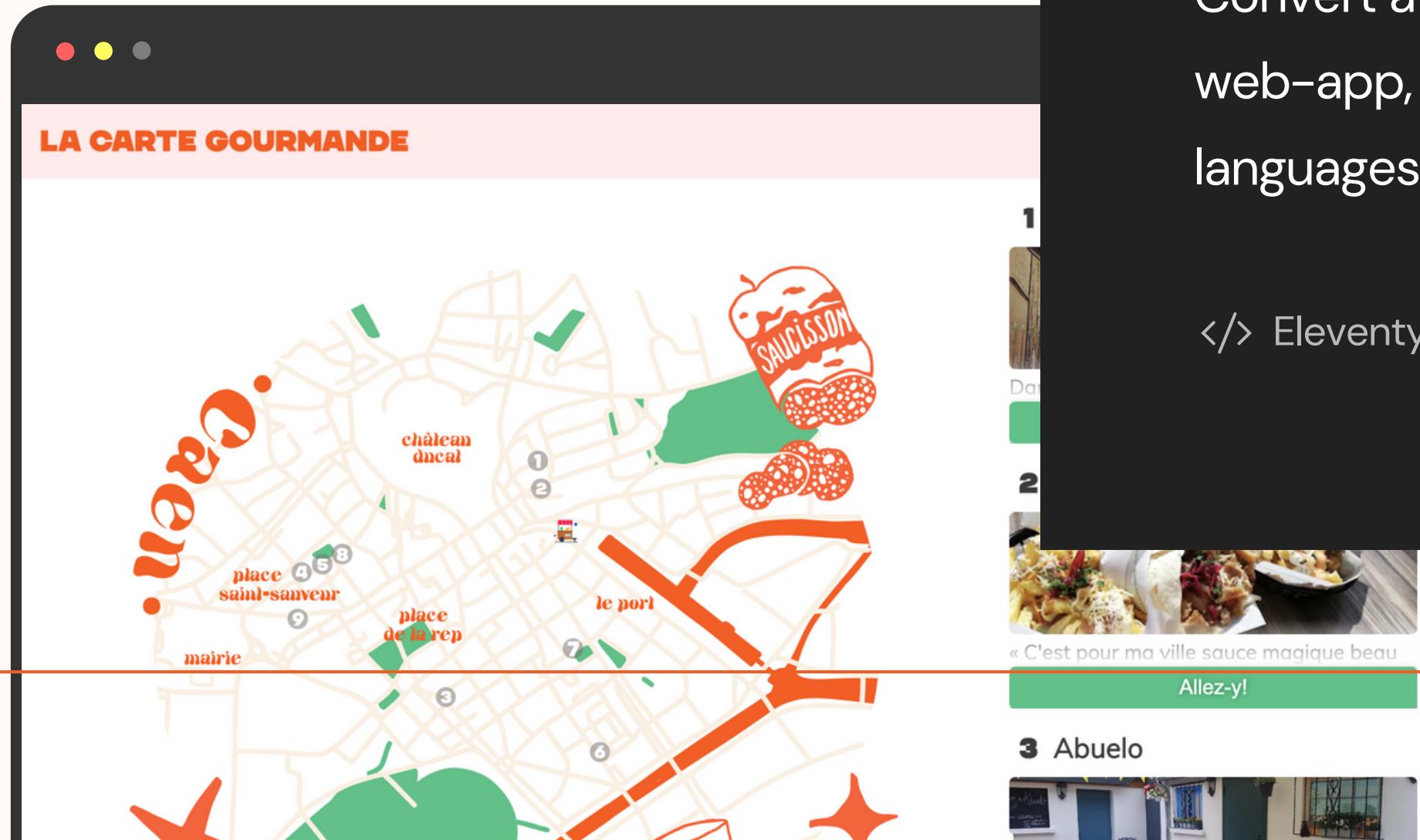
</> React, Material UI, Custom REST API, Team Development

COMMUNITY VOTES



# La Carte Gourmande

 Source



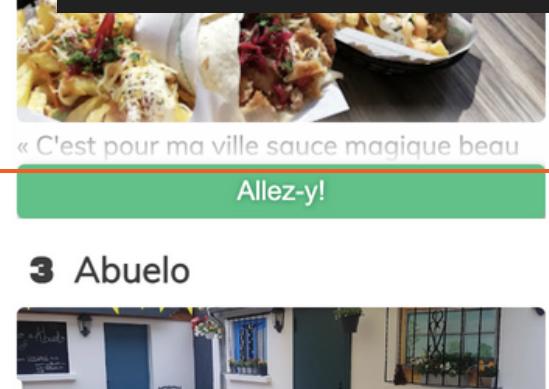
## ? Challenge

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

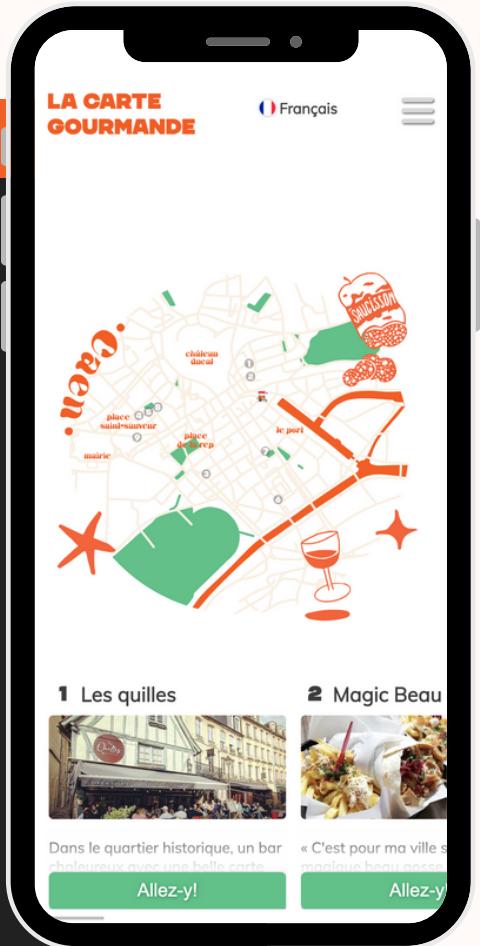
## ✓ Opportunity

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

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

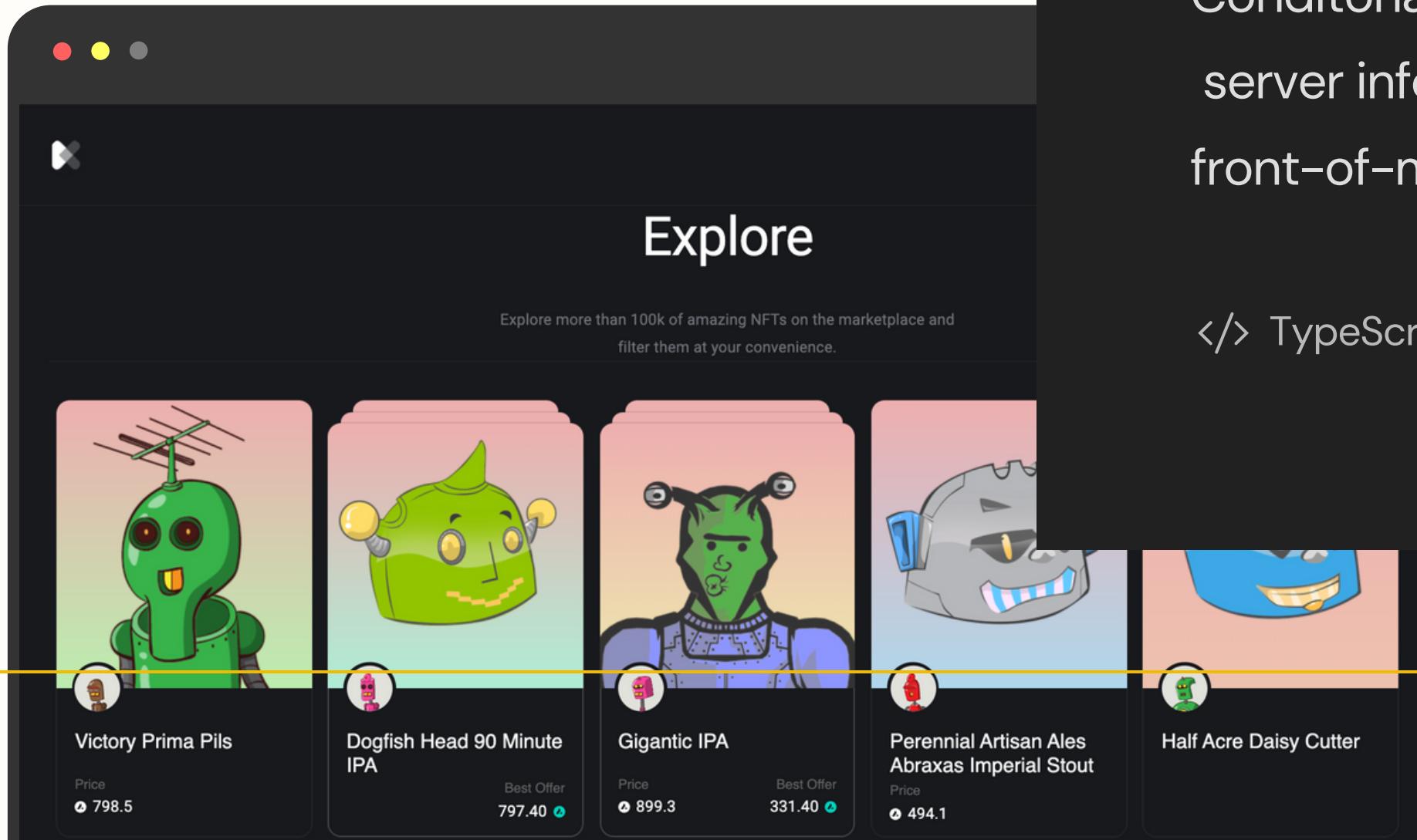


L A C A R T E G O U R M A N D E



# Design Challenge

 Source



## ? Challenge

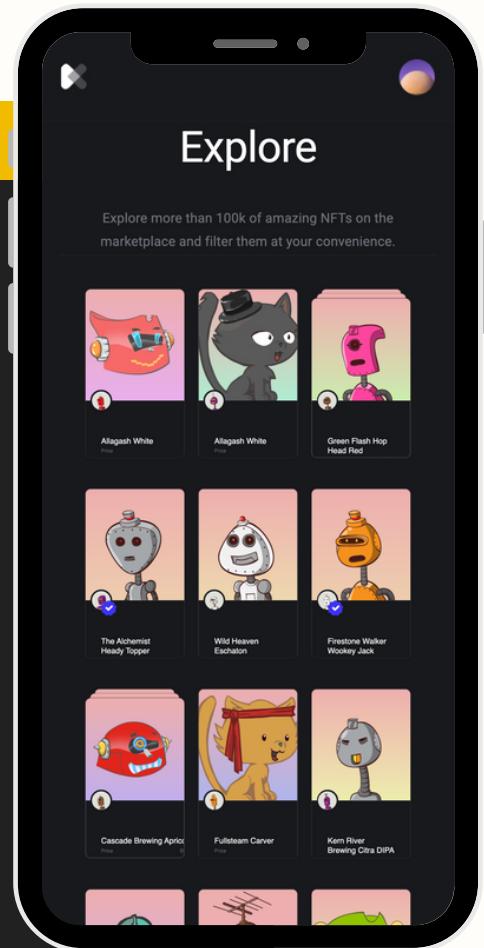
There was a mockup created by a designer which needed to be implemented dynamically depending on server data.

## ✓ Opportunity

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

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

D E S I G N   C H A L L E N G E



# UVM Votes

 Source



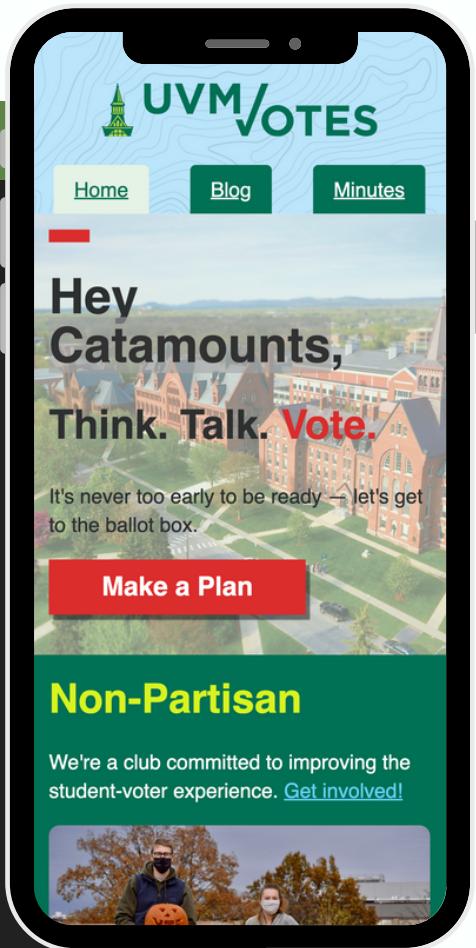
## ? Challenge

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



The smartphone screen shows the 'Créer un Evénement' (Create Event) page. At the top is a red header bar with the 'MOHO EVENTS' logo. Below it is a white form area with several input fields:

- Nom de l'association\*
- Nom de l'événement\* (highlighted with a red border)
- Type d'événement\*

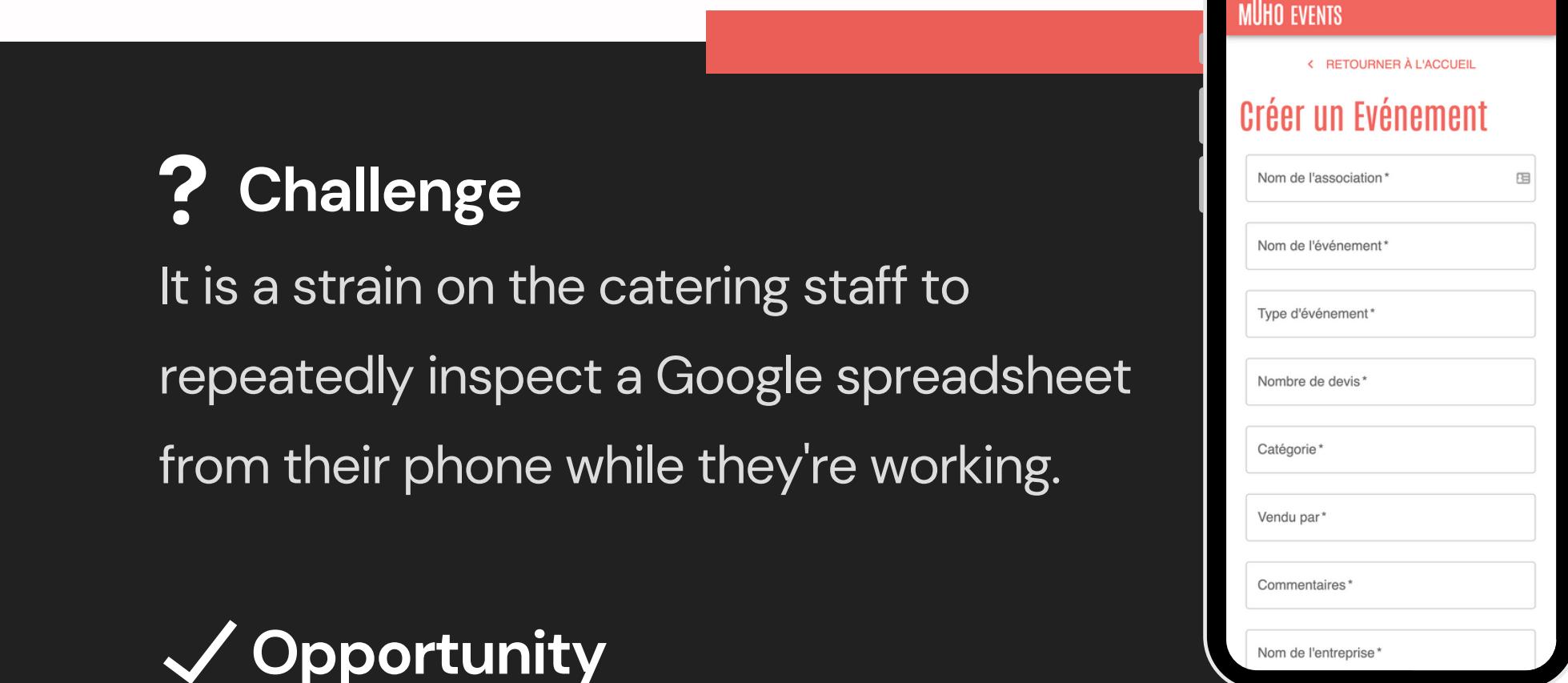
## ? Challenge

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



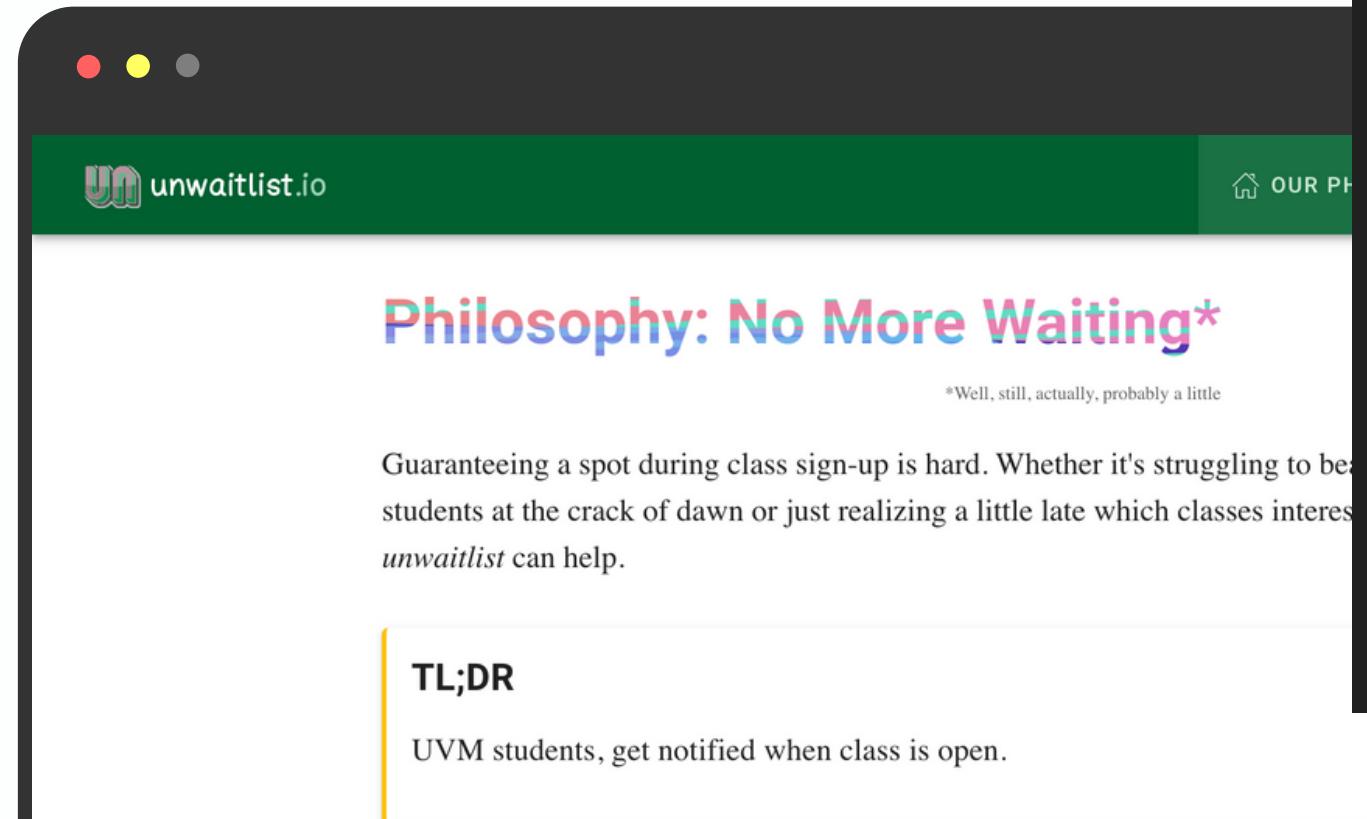
The tablet screen shows the 'Créer un Evénement' (Create Event) page. At the top is a red header bar with the 'MOHO EVENTS' logo and a 'RETOURNER À L'ACCUEIL' (Return to Home) button. Below it is a white form area with several input fields:

- 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

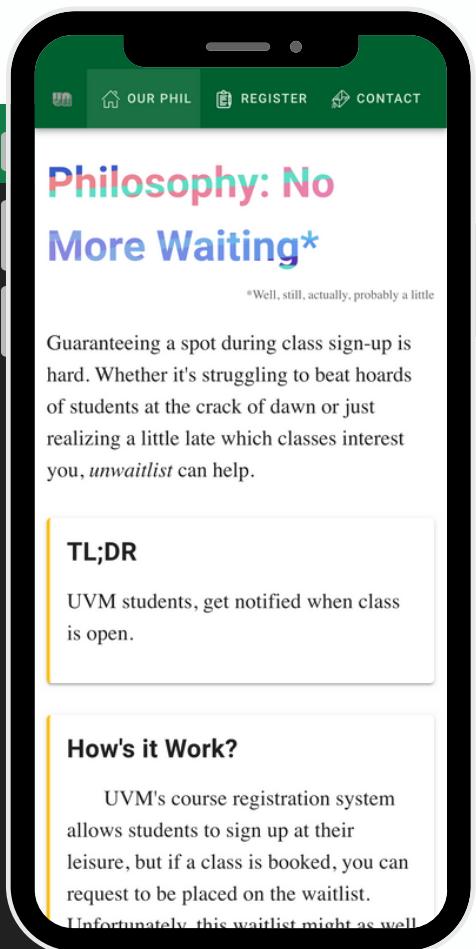
It was difficult to know when there was a spot open during class registration. The school's "waitlist" wasn't actually real.

## ✓ 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

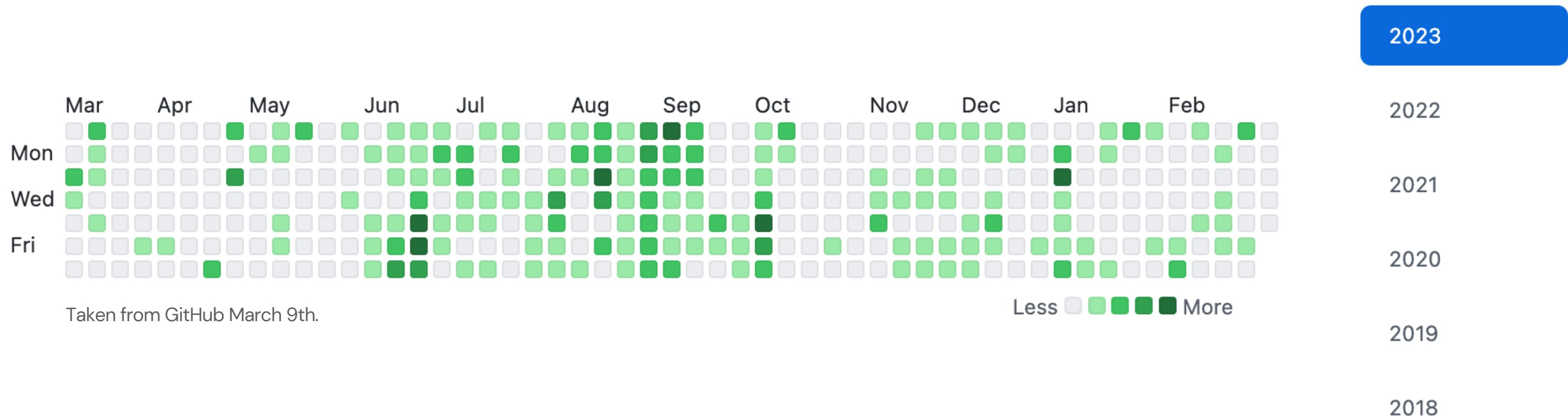
UNWAITLIST.IO



# Coding Frequency

**1,483 commits** during the last year.

Without including those done at work.





Let's *build stuff*

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