

Noah Zweben

Voting Site Customizer

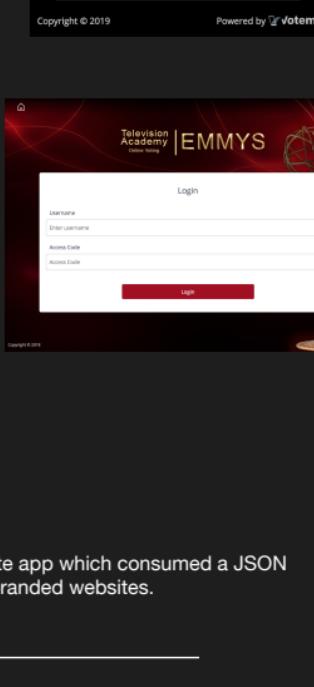
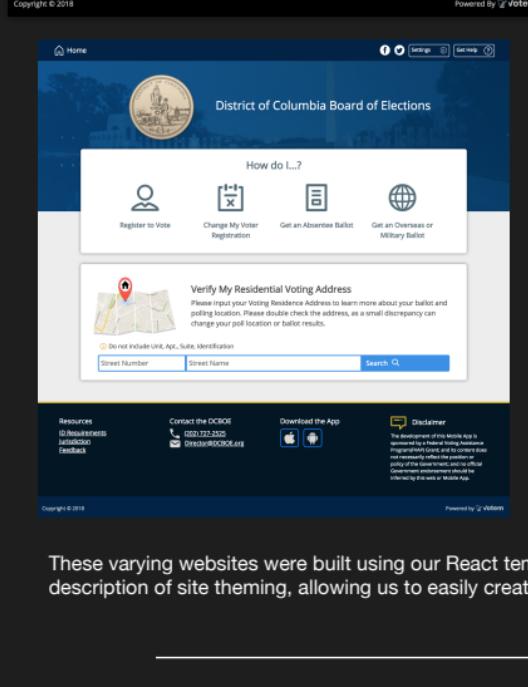
Problem:

Working with both government and private customers, we quickly realized each client had very specific needs regarding theming, how voters should "log in" to access their ballots, and custom functionality.

How can I streamline the development of election sites with regards to UI, voter authorization, and custom functionality?

Solution:

A configurable template app that used a JSON config to express client UI, complex voter authorization methods, and custom functionality injection allowing non-engineers to set up a variety of election types.



These varying websites were built using our React template app which consumed a JSON description of site theming, allowing us to easily create branded websites.

Add your signature

Signature (Please sign accurately as your signature will be matched against our records)

I'm not a robot

Vote

Login

Username

Access Code

Login

MFA code

Sign In

Change Registration

Please input the following information

First Name

Last Name

Date of Birth

For Identification purposes, the Board requires that you provide either your DMV issued ID number or the last four digits of your Social Security Number. This information will not be made public.

Please provide one of the following:

DMV Issued ID Number

OR

Last 4 digits of SSN

Save and Next

Social Login

Login with facebook

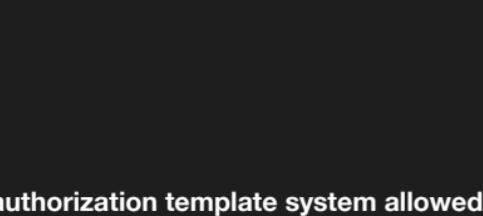
Login with google

Login with amazon

Or Email & Password

Email

An example of a custom component for Polling Station lookup injected at /maps (injection expressed through JSON). This feature made it very easy for engineers to "plug-in" custom components to the template app.



The JSON theming and authorization template system allowed us to cut election development time from days down to a matter of hours.