Summary of tools, techniques and approaches

AJAX: I used AJAX to

1. display the information stored in events.json.
2. look for and display particular data
3. search in data and display events that matched user preferences
4. filter

Moment.js: I used this JS library to:

1. manipulate with data inside the application
2. Get the earliest date and order events by date
3. Get and display time difference (ex. days left to an event)

Leaflet.js: I used it to:

1. Display a real-time map inside the application
2. Render distance from user’s location to event’s location
3. Add an interactive, user-friendly map to application

Bootstrap:

1. Responsive navigation bar/menu
2. Basic application styling and responsive elements

SASS:

1. Application styling
2. Maintainable code

SVG:

1. Better icon quality
2. Faster application loading

Service workers:

1. I intended to use it to cache the files, but due to lack of time, I did not manage to do it. For some reason I could not install the PWA application. So, I gave up on this idea.