**light-dark-mode**

-css variables

-css color palletes

-smooth-scroll

-setting and getting local storage

-string interpolation

**animated**

-Creative Tim

-CSS animations

-Animate on scroll library

**animation nation**

-https://developer.mozilla.org/en-US/docs/Web/CSS/Using\_CSS\_custom\_properties

-https://developer.mozilla.org/en-US/docs/Web/CSS/animation CSS Animations

-https://paletton.com/ Color Selection Tool

-https://www.w3schools.com/howto/howto\_css\_menu\_icon.asp W3Schools - Menu Icon

-https://unsplash.com Unsplash Images

-https://fonts.google.com Google Fonts

-stacking sudo classes

-hamburger icon

-overlays

**music player**

**-**box-shadows

-object-fit

-custom progress bars and button controls on audio element

-font-awesome icons

-user-select: none; prevents default text selection for icons

-audio.timeupdate

- innerText vs textContent

**custom-countdown**

-object position

-video backgrounds

-local storage

-keyframes

-infinite animations

-js dates

-min date

-JSON stringify

-JSON parse

-https://pixabay.com/videos/ Pixabay Stock Videos

-https://www.youcompress.com/ Video Compression Tool

**Bookmark Manager**

-https://www.heropatterns.com/ Hero Pattern Backgrounds

-https://fonts.google.com Google Fonts

-vertical-align: sub; align image with text

-Creating modals from scratch

-working with forms

-css variables

-Mozilla - Submit Event

-https://developer.mozilla.org/en-US/docs/Web/API/HTMLFormElement/submit\_event

-W3Schools - Prevent Default

-https://www.w3schools.com/jsref/event\_preventdefault.asp

-Mozilla - Regular Expressions

-https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Regular\_Expressions

-RegEx Playground Tool <https://regexr.com/>

Mozilla - localStorage

https://developer.mozilla.org/en-US/docs/Web/API/Window/localStorage

Mozilla - JSON Stringify

https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global\_Objects/JSON/stringify

Mozilla - JSON Parse

<https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/JSON/parse>

-dynamic favicons

`${url}/favicon.ico`

**Video player**

Mozilla - Calc Method

-https://developer.mozilla.org/en-US/docs/Web/CSS/calc

-css that performs calcs, used on the progress bar width

- select:focus {

outline: none;

}

-https://www.w3schools.com/tags/ref\_av\_dom.asp Video DOM Reference

-seconds to minutes / seconds

- clicking on progress bar

-navigator.userAgent (tells us info about the current browser).

Mozilla - :valid pseudo class

<https://developer.mozilla.org/en-US/docs/Web/CSS/:valid>

**form validation**

Mozilla - Form Validation

https://developer.mozilla.org/en-US/docs/Learn/Forms/Form\_validation

Mozilla - Constraint Validation

https://developer.mozilla.org/en-US/docs/Web/Guide/HTML/HTML5/Constraint\_validation

https://html.com/attributes/input-pattern/ RegEx Background Info

https://regexr.com/3bfsi RegEx Playground Tool (Password Pattern)

**Spock Rock**

-Js Modules

-:last-of-type pseudo class

- https://www.cssscript.com/confetti-falling-animation/ Confetti.js Library

**NASA**

**-**Loaf animations

<https://getloaf.io/>

[*https://api.nasa.gov/*](https://api.nasa.gov/) sign up for api key in prod

fetch requests to API

Lazy Loading Images

*W3Schools - includes()*

<https://www.w3schools.com/jsref/jsref_includes.asp>

*W3Schools - JSON.stringify*

<https://www.w3schools.com/js/js_json_stringify.asp>

*W3Schools - JSON.parse*

<https://www.w3schools.com/js/js_json_parse.asp>

*Mozilla - Object.values*

[*https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global\_objects/Object/values*](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_objects/Object/values)

DO LAZY LOAD IN PORT loading = ‘lazy on img tags