The Front-End Checklist

📁 The Front-End Checklist Application is perfect for modern websites and meticulous developers!
★ Generated on http://frontendchecklist.io ★

Project Name
mlly

Page title or URL
mlly.vercel.app

Developer's name or team
flex-development

● 38/47 ✓ high priority
● 17/25 ✓ medium priority
● 9/16 ✓ low priority

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HEAD

66 % Head items are ✓

- ● ☑ **Doctype:** The Doctype is HTML5 and is at the top of all your HTML pages.
- ● ☑ **Charset:** The charset declared (UTF-8) is declared correctly.
- ● ☑ **Viewport:** The viewport is declared correctly.
- ● ☑ **Title:** A title is used on all pages
- ● ☑ **Description:** A meta description is provided, it is unique and doesn't possess more than 150 characters.
- ● ☐ **Favicons:** Each favicon has been created and displays correctly.
- ● ☐ **Apple Web App Meta:** Apple meta-tags are present.
- ● ☐ **Windows Tiles:** Windows tiles are present and linked.
- ● ☑ **Canonical:** Use rel="canonical" to avoid duplicate content.
- ● ☑ **Language attribute:** The <code>lang</code> attribute of your website is specified and related to the language of the current page.
- ● ☐ **Direction attribute:** The direction of lecture is specified on the html tag (It can be used on another HTML tag).
- ● ☑ **Alternate language:** The language tag of your website is specified and related to the language of the current page.
- ● ☑ **Conditional comments:** Conditional comments are present for IE if needed.
- ● ☑ **RSS feed:** If your project is a blog or has articles, an RSS link was provided.
- ● ☑ **Inline critical CSS:** The inline critical CSS is correctly injected in the HEAD.
- ● ☑ **CSS order:** All CSS files are loaded before any JavaScript files in the HEAD
- ● ☐ **Facebook Open Graph:**
- ● ☐ **Twitter Card:**

HTML

87 % HTML items are ✓

- ● ☑ **HTML5 Semantic Elements:** HTML5 Semantic Elements are used appropriately (header, section, footer, main...).
- ● ☑ **Error pages:** Error 404 page and 5xx exist

- ☑ **Noopener:** In case you are using external links with target="_blank", your link should have a rel="noopener" attribute to prevent tab nabbing. If you need to support older versions of Firefox, use rel="noopener noreferrer"
- ☑ **Clean up comments:** Unnecessary code needs to be removed before sending the page to production.
- ☑ **W3C compliant:** All pages need to be tested with the W3C validator to identify possible issues in the HTML code.
- ☑ **HTML Lint:** I use tools to help me analyze any issues I could have on my HTML code.
- ☐ **Link checker:** There are no broken links in my page, verify that you don't have any 404 error.
- ☑ **Adblockers test:** Your website shows your content correctly with adblockers enabled

WEBFONTS   **100 %** Webfonts items are ✓

- ☑ **Webfont format:** WOFF, WOFF2 and TTF are supported by all modern browsers.
- ☑ **Webfont size:** Webfont sizes don't exceed 100 KB (all variants included).
- ☑ **Webfont loader:** Control loading behavior with a webfont loader.

CSS   **76 %** CSS items are ✓

- ☑ **Responsive Web Design:** The website is using responsive web design.
- ☐ **CSS Print:** A print stylesheet is provided and is correct on each page.
- ☑ **Unique ID:** If IDs are used, they are unique to a page.
- ☑ **Reset CSS:** A CSS reset (reset, normalize or reboot) is used and up to date.
- ☑ **JS prefix:** All classes (or id- used in JavaScript files) begin with js- and are not styled into the CSS files.
- ☑ **Embedded or inline CSS:** Avoid at all cost embeding CSS in <style> tags or using inline CSS
- ☑ **Vendor prefixes:** CSS vendor prefixes are used and are generated accordingly with your browser support compatibility.
- ☑ **Concatenation:** CSS files are concatenated in a single file (Not for HTTP/2).
- ☑ **Minification:** All CSS files are minified.
- ☑ **Non-blocking:** CSS files need to be non-blocking to prevent the DOM from taking time to load.
- ☑ **Stylelint:** All CSS or SCSS files are without any errors.
- ☑ **Responsive web design:** All pages were tested with the correct breakpoints.
- ☑ **CSS Validator:** The CSS was tested and pertinent errors were corrected.
- ☐ **Desktop Browsers:** All pages were tested on all current desktop browsers (Safari, Firefox, Chrome, Internet Explorer, EDGE...)
- ☐ **Mobile Browsers:** All pages were tested on all current mobile browsers (Native browser, Chrome, Safari...)
- ☐ **OS:** All pages were tested on all current OS (Windows, Android, iOS, Mac...)
- ☑ **Reading direction:** All pages need to be tested for LTR and RTL languages if they need to be supported.

JAVASCRIPT   **75 %** JavaScript items are ✓

- ☑ **JavaScript Inline:** You don't have any JavaScript code inline (mixed with your HTML code).

- ☑ **Concatenation:** JavaScript files are concatenated.
- ☑ **Minification:** JavaScript files are minified (you can add the .min suffix).
- ☐ **JavaScript security:**
- ☑ **noscript tag:** Use `<noscript>` tag in the HTML body if a script type on the page is unsupported or if scripting is currently turned off in the browser. This will be helpful in client-side rendering heavy apps such as React.js.
- ☐ **Non-blocking:** JavaScript files are loaded asynchronously using async or deferred using defer attribute.
- ☑ **Modernizr:** If you need to target some specific features you can use a custom Modernizr to add classes in your <html> tag.
- ☑ **ESLint:** No errors are flagged by ESLint (based on your configuration or standards rules).

IMAGES   100 % Images items are ✓

- ☑ **Optimization:** All images are optimized to be rendered in the browser. WebP format could be used for critical pages (like Homepage)
- ☑ **Picture/Srcset:** You use picture/srcset to provide the most appropriate image for the current viewport of the user.
- ☑ **Retina:** You provide layout images 2x or 3x, support retina display.
- ☑ **Sprite:** Small images are in a sprite file (in the case of icons, they can be in an SVG sprite image).
- ☑ **Width and Height:** Set width and height attributes on <img> if the final rendered image size is known (can be omitted for CSS sizing).
- ☑ **Alternative text:** All <img> have an alternative text which describe the image visually.
- ☑ **Lazy loading:** Images are lazyloaded (A noscript fallback is always provided).

ACCESSIBILITY   40 % Accessibility items are ✓

- ☐ **Progressive enhancement:** Major functionality like main navigation and search should work without JavaScript enabled.
- ☐ **Color contrast:** Color contrast should at least pass WCAG AA (AAA for mobile).
- ☑ **H1:** All pages have an H1 which is not the title of the website.
- ☑ **Headings:** Headings should be used properly and in the right order (H1 to H6).
- ☑ **Specific HTML5 input types are used:** This is especially important for mobile devices that show customized keypads and widgets for different types.
- ☑ **Label:** A label is associated with each input form element. In case a label can't be displayed, use aria-label instead.
- ☐ **Accessibility standards testing:** Use the WAVE tool to test if your page respects the accessibility standards.
- ☐ **Keyboard navigation:** Test your website using only your keyboard in a previsible order. All interactive elements are reachable and usable.
- ☐ **Screen reader:** All pages were tested in two or more screen readers (such as JAWS, VoiceOver, and NVDA).
- ☐ **Focus style:** If the focus is disabled, it is replaced by visible state in CSS.

PERFORMANCE   70 % Performance items are ✓

- ☑ **Page weight:** The weight of each page is between 0 and 500 KB

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☑ **Minified HTML:** Your HTML is minified.

☑ **Lazy loading:** Images, scripts and CSS need to be lazy loaded to improve the response time of the current page (See details in their respective sections)

☑ **Cookie size:** If you are using cookies be sure each cookie doesn't exceed 4096 bytes and your domain name doesn't have more than 20 cookies.

☑ **Third party components:**

☐ **DNS resolution:** DNS of third-party services that may be needed are resolved in advance during idle time using dns-prefetch.

☑ **Preconnection:** DNS lookup, TCP handshake and TLS negotiation with services that will be needed soon is done in advance during idle time using preconnect.

☐ **Prefetching:** Resources that will be needed soon (e.g. lazy loaded images) are requested in advance during idle time using prefetch.

☐ **Preloading:** Resources needed in the current page (e.g. scripts placed at the end of <body>) in advance using preload.

☑ **Google PageSpeed:** All your pages were tested (not only the homepage) and have a score of at least 90/100.

SEO   **71 %** SEO items are ✓

☑ **Google Analytics:** Google Analytics is installed and correctly configured.

☑ **Headings logic:** Heading text helps to understand the content in the current page.

☑ **sitemap.xml:** A sitemap.xml exists and was submitted to Google Search Console.

☑ **robots.txt:** The robots.txt is not blocking webpages.

☐ **Structured Data:** Pages using structured data are tested and are without errors. Structured data helps crawlers understand the content in the current page.

☐ **Sitemap HTML:** An HTML sitemap is provided and is accessible via a link in the footer of your website.

☑ **Pagination link tags:** Provide rel="prev" and rel="next" to indicate paginated content.