

- Print Summary
- Print Expanded
- Copy JSON
- Save as HTML
- Save as JSON
- Open in Viewer
- Toggle Dark Theme

There were issues affecting this run of Lighthouse:

- Chrome extensions negatively affected this page's load performance. Try auditing the page in incognito mode or from a Chrome profile without extensions.



Performance

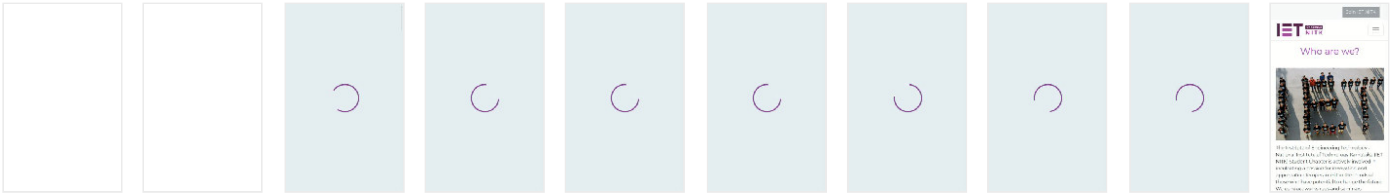
Metrics



▲ First Contentful Paint	5.9 s	▲ First Meaningful Paint	6.2 s
▲ Speed Index	12.9 s	▲ First CPU Idle	6.9 s
▲ Time to Interactive	7.6 s	▲ Max Potential First Input Delay	310 ms

View Trace

Values are estimated and may vary. The performance score is [based only on these metrics](#).



Opportunities — These suggestions can help your page load faster. They don't [directly affect](#) the Performance score.

Opportunity Estimated Savings

▲ Properly size images 1.78 s ^

Serve images that are appropriately-sized to save cellular data and improve load time. [Learn more](#).

☐ Show 3rd-party resources (0)

URL	Size	Potential Savings
 ...blog/website_redesign.png (iet-nitk.github.io)	410 KB	315 KB
 ...img/logo.png (iet-nitk.github.io)	31 KB	13 KB
 ...blog/cp.jpg (iet-nitk.github.io)	80 KB	7 KB

Remove unused CSS

0.45 s ^

Remove dead rules from stylesheets and defer the loading of CSS not used for above-the-fold content to reduce unnecessary bytes consumed by network activity. [Learn more.](#)

☒ Show 3rd-party resources (1)

URL	Size	Potential Savings
...css/bootstrap.min.css (iet-nitk.github.io)	28 KB	26 KB
...css/font-awesome.min.css (stackpath.bootstrapcdn.com)	14 KB	14 KB

Diagnostics — More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

▲ Minimize main-thread work — 15.9 s ^

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this. [Learn more](#)

Category	Time Spent
Script Evaluation	3,966 ms
Other	3,849 ms
Style & Layout	3,619 ms
Rendering	2,025 ms
Script Parsing & Compilation	1,549 ms
Parse HTML & CSS	720 ms
Garbage Collection	175 ms

▲ Ensure text remains visible during webfont load ^

Leverage the font-display CSS feature to ensure text is user-visible while webfonts are loading. [Learn more.](#)

☒ Show 3rd-party resources (4)

URL	Potential Savings
...v14/JTUSjlg1_....woff2 (fonts.gstatic.com)	540 ms

URL	Potential Savings
...v14/JTURjlg1_...woff2 (fonts.gstatic.com)	340 ms
...fonts/fontawesome-webfont.woff2?v=4.7.0 (stackpath.bootstrapcdn.com)	3,000 ms
...v14/JTURjlg1_...woff2 (fonts.gstatic.com)	940 ms

▲ Serve static assets with an efficient cache policy — 14 resources found

^

A long cache lifetime can speed up repeat visits to your page. [Learn more](#).

☒ Show 3rd-party resources (1)

URL	Cache TTL	Size
...blog/website_redesign.png (iet-nitk.github.io)	10 m	410 KB
...img/iet-upview.jpg (iet-nitk.github.io)	10 m	204 KB
...blog/cp.jpg (iet-nitk.github.io)	10 m	80 KB
...blog/audio.jpg (iet-nitk.github.io)	10 m	72 KB
...img/logo.png (iet-nitk.github.io)	10 m	31 KB
...css/bootstrap.min.css (iet-nitk.github.io)	10 m	28 KB
...css/modern.css (iet-nitk.github.io)	10 m	7 KB
...js/smoothproducts.min.js (iet-nitk.github.io)	10 m	3 KB
...css/custom.css (iet-nitk.github.io)	10 m	2 KB
...js/accordion.min.js (iet-nitk.github.io)	10 m	1 KB
...css/Loading-Div.css (iet-nitk.github.io)	10 m	1 KB
...js/theme.js (iet-nitk.github.io)	10 m	1 KB
...js/navbar.js (iet-nitk.github.io)	10 m	0 KB
...www-embed-player-vfIMloKUn/www-embed-player.js (www.youtube.com)	8 d	42 KB

▲ Reduce JavaScript execution time — 5.3 s

^

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this. [Learn more](#).

☒ Show 3rd-party resources (3)

URL	Total CPU Time	Script Evaluation	Script Parse
Other	10,624 ms	593 ms	12 ms
chrome-extension://hdokiejnpimakedhajhdlcegeplioahd/onloadwff.js	1,722 ms	1,105 ms	586 ms
chrome-extension://nkbihfbeogaeaoehlefnkodbefgpgknn/contentscript.js	1,480 ms	959 ms	521 ms
chrome-extension://obhkckbkndockmajpedihhnplcgchgh/jquery.min.js	771 ms	331 ms	128 ms
...3.4.1/jquery.min.js (cdnjs.cloudflare.com)	454 ms	405 ms	22 ms

URL	Total CPU Time	Script Evaluation	Script Parse
chrome-extension://fmkadmapgofadopljbjfkapdkoienihi/build/injectGlobalHook.js	220 ms	122 ms	99 ms
...js/bootstrap.bundle.min.js (cdnjs.cloudflare.com)	121 ms	98 ms	23 ms
...js/jquery.dataTables.min.js (cdn.datatables.net)	121 ms	92 ms	29 ms
chrome-extension://jiajdghdimpehhkbedfgdfendlnmbkec/include.preload.js	98 ms	69 ms	29 ms
chrome-extension://noondiphcddnnabmjcihcjfbhfklnnep/content_script_compiled.js	72 ms	64 ms	8 ms

Avoid chaining critical requests — 23 chains found ^

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load.

[Learn more.](#)

Maximum critical path latency: **5,440 ms**

Initial Navigation

https://iet-nitk.github.io

...css/bootstrap.min.css (iet-nitk.github.io) - **160 ms, 27.81 KB**

/css?family=Montserrat:400,400i,700,700i,600,600i (fonts.googleapis.com) - **160 ms, 1.73 KB**

...css/simple-line-icons.min.css (cdnjs.cloudflare.com) - **160 ms, 4.62 KB**

...css/dataTables.bootstrap.min.css (cdn.datatables.net) - **140 ms, 2.05 KB**

...1.10.0/baguetteBox.min.css (cdnjs.cloudflare.com) - **150 ms, 1.77 KB**

...css/Loading-Div.css (iet-nitk.github.io) - **150 ms, 0.55 KB**

...css/modern.css (iet-nitk.github.io) - **470 ms, 6.84 KB**

...css/custom.css (iet-nitk.github.io) - **470 ms, 2.41 KB**

...css/font-awesome.min.css (stackpath.bootstrapcdn.com) - **240 ms, 13.86 KB**

/css?family=Changa:600&display=swap (fonts.googleapis.com) - **180 ms, 0.92 KB**

...3.4.1/jquery.min.js (cdnjs.cloudflare.com) - **230 ms, 59.09 KB**

...js/bootstrap.bundle.min.js (cdnjs.cloudflare.com) - **340 ms, 42.03 KB**

...js/jquery.dataTables.min.js (cdn.datatables.net) - **420 ms, 27.81 KB**

...1.10.0/baguetteBox.min.js (cdnjs.cloudflare.com) - **240 ms, 3.21 KB**

...js/dataTables.bootstrap.min.js (cdn.datatables.net) - **420 ms, 1.14 KB**

...js/smoothproducts.min.js (iet-nitk.github.io) - **230 ms, 3.11 KB**

...js/accordion.min.js (iet-nitk.github.io) - **210 ms, 0.95 KB**

...js/theme.js (iet-nitk.github.io) - **240 ms, 0.5 KB**

...js/navbar.js (iet-nitk.github.io) - **230 ms, 0.15 KB**

...v14/JTUSjlg1_....woff2 (fonts.gstatic.com) - **540 ms, 16.96 KB**

...v14/JTURjlg1_....woff2 (fonts.gstatic.com) - **340 ms, 20.19 KB**

...fonts/fontawesome-webfont.woff2?v=4.7.0 (stackpath.bootstrapcdn.com) - **3,990 ms, 84.93 KB**

...v14/JTURjlg1_....woff2 (fonts.gstatic.com) - **940 ms, 14.3 KB**

Keep request counts low and transfer sizes small — 40 requests • 1,664 KB ^

To set budgets for the quantity and size of page resources, add a budget.json file. [Learn more](#).

Resource Type	Requests	Transfer Size
Total	40	1,664 KB
Image	6	797 KB
Script	16	609 KB
Font	4	136 KB
Stylesheet	11	106 KB
Document	2	15 KB
Media	0	0 KB
Other	1	0 KB
Third-party	26	819 KB

Passed audits (16) ^

Eliminate render-blocking resources — Potential savings of 0 ms ^

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. [Learn more](#).

☒ Show 3rd-party resources (5)

URL	Size	Potential Savings
...css/bootstrap.min.css (iet-nitk.github.io)	28 KB	1,350 ms
/css?family=Montserrat:400,400i,700,700i,600,600i (fonts.googleapis.com)	2 KB	880 ms
...css/simple-line-icons.min.css (cdnjs.cloudflare.com)	5 KB	1,070 ms
...css/dataTables.bootstrap.min.css (cdn.datatables.net)	2 KB	1,010 ms
...1.10.0/baguetteBox.min.css (cdnjs.cloudflare.com)	2 KB	150 ms
...css/modern.css (iet-nitk.github.io)	7 KB	300 ms
...css/font-awesome.min.css (stackpath.bootstrapcdn.com)	14 KB	1,400 ms

Defer offscreen images ^

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive. [Learn more](#).

Minify CSS ^

Minifying CSS files can reduce network payload sizes. [Learn more](#).

Minify JavaScript ^

Minifying JavaScript files can reduce payload sizes and script parse time. [Learn more.](#)

Efficiently encode images ^

Optimized images load faster and consume less cellular data. [Learn more.](#)

Serve images in next-gen formats ^

Image formats like JPEG 2000, JPEG XR, and WebP often provide better compression than PNG or JPEG, which means faster downloads and less data consumption. [Learn more.](#)

Enable text compression ^

Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. [Learn more.](#)

Preconnect to required origins ^

Consider adding `preconnect` or `dns-prefetch` resource hints to establish early connections to important third-party origins. [Learn more.](#)

Server response times are low (TTFB) — Root document took 80 ms ^

Time To First Byte identifies the time at which your server sends a response. [Learn more.](#)

Avoid multiple page redirects ^

Redirects introduce additional delays before the page can be loaded. [Learn more.](#)

Preload key requests ^

Consider using `<link rel=preload>` to prioritize fetching resources that are currently requested later in page load. [Learn more.](#)

Use video formats for animated content ^

Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos for animations and PNG/WebP for static images instead of GIF to save network bytes. [Learn more](#)

Avoids enormous network payloads — Total size was 1,664 KB ^

Large network payloads cost users real money and are highly correlated with long load times. [Learn more.](#)

☒ Show 3rd-party resources (6)

URL	Size
...en_US/base.js (www.youtube.com)	413 KB
...blog/website_redesign.png (iet-nitk.github.io)	410 KB
...img/iet-upview.jpg (iet-nitk.github.io)	204 KB
...fonts/fontawesome-webfont.woff2?v=4.7.0 (stackpath.bootstrapcdn.com)	85 KB
...blog/cp.jpg (iet-nitk.github.io)	80 KB
...blog/audio.jpg (iet-nitk.github.io)	72 KB
...3.4.1/jquery.min.js (cdnjs.cloudflare.com)	59 KB
...17480f7d/www-player-sprite-mode-2x.css (www.youtube.com)	43 KB

URL	Size
...www-embed-player-vflMloKUn/www-embed-player.js (www.youtube.com)	42 KB
...js/bootstrap.bundle.min.js (cdnjs.cloudflare.com)	42 KB

Avoids an excessive DOM size — 204 elements ^

A large DOM will increase memory usage, cause longer [style calculations](#), and produce costly [layout reflows](#). [Learn more](#).

Statistic	Element	Value
Total DOM Elements		204
Maximum DOM Depth	<i class="fa fa-arrow-circle-right">	13
Maximum Child Elements	<body>	17

User Timing marks and measures ^

Consider instrumenting your app with the User Timing API to measure your app's real-world performance during key user experiences. [Learn more](#).

Minimize third-party usage — Third-party code blocked the main thread for 220 ms ^

Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading. [Learn more](#).

Third-Party	Size	Main-Thread Blocking Time
Cloudflare CDN	111 KB	218 ms
Github	845 KB	0 ms
YouTube	515 KB	0 ms
Bootstrap CDN	99 KB	0 ms
Google/DoubleClick Ads	0 KB	0 ms



Best Practices

▲ Uses document.write() ^

For users on slow connections, external scripts dynamically injected via `document.write()` can delay page load by tens of seconds. [Learn more](#).

☐ Show 3rd party resources (0)

URL	Location
https://iet-nitk.github.io	line: 476

▲ Browser errors were logged to the console ^

Errors logged to the console indicate unresolved problems. They can come from network request failures and other browser concerns. [Learn more](#)

☒ Show 3rd-party resources (2)

URL	Description
/pagead/id (googleads.g.doubleclick.net)	Failed to load resource: net::ERR_BLOCKED_BY_CLIENT
/instream/ad_status.js (static.doubleclick.net)	Failed to load resource: net::ERR_BLOCKED_BY_CLIENT

Passed audits (13) ^

Avoids Application Cache ^

Application Cache is deprecated. [Learn more](#).

Uses HTTPS ^

All sites should be protected with HTTPS, even ones that don't handle sensitive data. HTTPS prevents intruders from tampering with or passively listening in on the communications between your app and your users, and is a prerequisite for HTTP/2 and many new web platform APIs. [Learn more](#).

Uses HTTP/2 for its own resources ^

HTTP/2 offers many benefits over HTTP/1.1, including binary headers, multiplexing, and server push. [Learn more](#).

Uses passive listeners to improve scrolling performance ^

Consider marking your touch and wheel event listeners as `passive` to improve your page's scroll performance. [Learn more](#).

Links to cross-origin destinations are safe ^

Add `rel="noopener"` or `rel="noreferrer"` to any external links to improve performance and prevent security vulnerabilities. [Learn more](#).

Avoids requesting the geolocation permission on page load ^

Users are mistrustful of or confused by sites that request their location without context. Consider tying the request to a user action instead. [Learn more](#).

Page has the HTML doctype ^

Specifying a doctype prevents the browser from switching to quirks-mode. [Learn more](#).

Avoids front-end JavaScript libraries with known security vulnerabilities ^

Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by attackers. [Learn more](#).

Detected JavaScript libraries ^

All front-end JavaScript libraries detected on the page. [Learn more](#).

Name

Version

Name	Version
Bootstrap	4.3.1
jQuery	3.4.1
jQuery (Fast path)	

Avoids requesting the notification permission on page load

Users are mistrustful of or confused by sites that request to send notifications without context. Consider tying the request to user gestures instead. [Learn more.](#)

Avoids deprecated APIs

Deprecated APIs will eventually be removed from the browser. [Learn more.](#)

Allows users to paste into password fields

Preventing password pasting undermines good security policy. [Learn more.](#)

Displays images with correct aspect ratio

Image display dimensions should match natural aspect ratio. [Learn more.](#)



SEO

These checks ensure that your page is optimized for search engine results ranking. There are additional factors Lighthouse does not check that may affect your search ranking. [Learn more.](#)

Content Best Practices — Format your HTML in a way that enables crawlers to better understand your app’s content.

▲ Image elements do not have [alt] attributes

Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. [Learn more.](#)

Failing Elements

img

img

img.card-img-top.w-100.d-block

img.card-img-top.w-100.d-block

img.card-img-top.w-100.d-block

Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices.

Structured data is valid				^
Run the Structured Data Testing Tool and the Structured Data Linter to validate structured data. Learn more.				
Passed audits (12)				^
Has a <meta name="viewport"> tag with width or initial-scale				^
Add a `<meta name="viewport">` tag to optimize your app for mobile screens. Learn more.				
Document has a <title> element				^
The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. Learn more.				
Document has a meta description				^
Meta descriptions may be included in search results to concisely summarize page content. Learn more.				
Page has successful HTTP status code				^
Pages with unsuccessful HTTP status codes may not be indexed properly. Learn more.				
Links have descriptive text				^
Descriptive link text helps search engines understand your content. Learn more.				
Page isn't blocked from indexing				^
Search engines are unable to include your pages in search results if they don't have permission to crawl them. Learn more.				
robots.txt is valid				^
If your robots.txt file is malformed, crawlers may not be able to understand how you want your website to be crawled or indexed. Learn more.				
Document has a valid hreflang				^
hreflang links tell search engines what version of a page they should list in search results for a given language or region. Learn more.				
Document has a valid rel=canonical				^
Canonical links suggest which URL to show in search results. Learn more.				
Document uses legible font sizes — 100% legible text				^
Font sizes less than 12px are too small to be legible and require mobile visitors to “pinch to zoom” in order to read. Strive to have >60% of page text ≥12px. Learn more.				
<input checked="" type="checkbox"/> Show 3rd-party resources (0)				
Source	Selector	% of Page Text	Font Size	
Legible text		100.00%	≥ 12px	
Document avoids plugins				^
Search engines can't index plugin content, and many devices restrict plugins or don't support them. Learn more.				

Tap targets are sized appropriately — 100% appropriately sized tap targets ^

Interactive elements like buttons and links should be large enough (48x48px), and have enough space around them, to be easy enough to tap without overlapping onto other elements. [Learn more.](#)

Runtime Settings

URL	https://iet-nitk.github.io/
Fetch time	Apr 3, 2020, 8:27 PM GMT+5:30
Device	Emulated Nexus 5X
Network throttling	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)
CPU throttling	4x slowdown (Simulated)
User agent (host)	Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.0.3987.163 Safari/537.36
User agent (network)	Mozilla/5.0 (Linux; Android 6.0.1; Nexus 5 Build/MRA58N) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3694.0 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	252

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