Related Roadmaps

- Frontend Roadmap
- JavaScript Roadmap

Frontend Performance

High Priority	Medium Priority	
Minimize number of iframes	Minified HTML - Remove comments and whitespaces	
Minified CSS - Remove comments, white	paces etc Use Content Delivery Network	
CSS files are non-blocking	Prefer using vector image rather than bitmap images	
Inline the Critical CSS (above the fold CS	S) Set width and height attributes on images (aspect ratio))
Avoid the embedded / inline CSS	Avoid using Base64 images	
Analyse stylesheets complexity	Offscreen images are loaded lazily	
Compress your images / keep the image	count low Ensure to serve images that are close to your display six	ze
Choose your image format appropriately	Avoid multiple inline JavaScript snippets <script></td><td></td></tr><tr><td>Minify your JavaScript</td><td>Keep your dependencies up to date</td><td></td></tr><tr><td>Non Blocking JavaScript: Use async / de</td><td>Check for performance problems in your JavaScript files</td><td>S</td></tr><tr><td>Use HTTPs on your website</td><td>Service Workers for caching / performing heavy tasks</td><td></td></tr><tr><td>Keep your page weight < 1500 KB (ideal</td><td>y < 500 kb) Cookie size should be less than 4096 bytes</td><td></td></tr><tr><td>Keep your page load time < 3 seconds</td><td>Keep the cookie count less than 20</td><td></td></tr><tr><td>Keep the Time To First Byte < 1.3 second</td><td>s</td><td></td></tr><tr><td>Minimize HTTP Requests</td><td>Low Priority</td><td></td></tr><tr><td>Serve files from the same protocol</td><td></td><td></td></tr><tr><td>Avoid requesting unreachable files (404)</td><td>Pre-load URLs where possible</td><td></td></tr><tr><td>Set HTTP cache headers properly</td><td>Concatenate CSS into a single file</td><td></td></tr><tr><td>GZIP / Brotli compression is enabled</td><td>Remove unused CSS</td><td></td></tr><tr><td></td><td>Use WOFF2 font format</td><td></td></tr><tr><td>Performance Tools</td><td>Use preconnect to load your fonts faster</td><td></td></tr><tr><td></td><td>Keep the web font size under 300kb</td><td></td></tr><tr><td>PageSpeed Insights</td><td>Prevent Flash or Invisible Text</td><td></td></tr><tr><td>Lighthouse</td><td>Keep an eye on the size of dependencies</td><td></td></tr><tr><td>WebPageTest</td><td></td><td></td></tr><tr><td>Chrome DevTools</td><td>More Resources</td><td></td></tr><tr><td>Bundlephobia</td><td>Framework Specific Cuides</td><td></td></tr><tr><td>Squoosh.app</td><td>Framework Specific Guides Recommended Talks / Guides</td><td></td></tr><tr><td></td><td>ricooniniended faiko / Odideo</td><td></td></tr></tbody></table></script>	