Meta-Art Gallery

Web Design and Client Side ScriptingBy Ben Thompson

Requirements

Design and build a website for an Art Gallery located within Dublin to provide a professional online presence for clear information on ongoing and upcoming events.

Ensure it has responsive design to enable clear navigation

Feature search engine optimisation.

Use design patterns effectively.

Index.html



Meta-Art Gallery
About

Grid Layout used throughout the about page.

Bootstrap

Newsletter.html



Hamburger Button - Responsive design

Exhibitions.html



Navigation Tab - simplified - no hierarchy on site - In a more complex situation could be expanding to include breadcrumbing

Contact.html



Grid Layout

Navigation Tab - simplified - no hierarchy on site - In a more complex situation could be expanding to include breadcrumbing

Javascript

Used to toggle the Nav Bar for mobile devices

Form validation

- -email Regex query
- -check for @

Form Validation

HTML validates the inputs to not be empty and ensures email has @

Form validation

-email Regex query

-check for @

Optimisation

Search Engine Optimisation

Keywords used in meta

Keywords used in content

Website Optimisation

Lazy loading of images

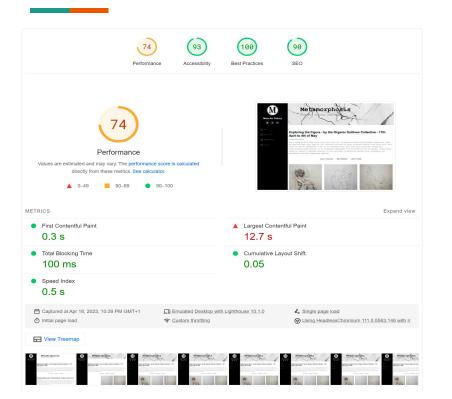
Reduced image size

Loading required files only

Ensuring no blocked content trying to load

☐ Blocked Requests ☐ 3rd-party requests							
100 ms 200 ms 300 ms 400 ms 50	00 ms 600 ms	700 ms	800 ms 900 ms 1000	ms 1100 ms	1200 ms 1300	0 ms 1400 ms	1500 ms 16
Name	Status	Туре	Initiator	Size	Time	Waterfall	
☑ bootstrap.min.css		stylesheet	contact.html		0 ms		
☑ bootstrap-icons.css		stylesheet	contact.html		0 ms		
☑ boxicons.min.css		stylesheet	contact.html		0 ms		
✓ style.css		stylesheet	contact.html				
■ Logo.png		png	contact.html				
■ main.js		script	contact.html				
o form.js		script	contact.html			4	
bootstrap-icons.woff2?24e3eb84d0bcaf83d77f90		font	bootstrap-icons.css				
■ boxicons.woff2		font	boxicons.min.css				
embed?pb=!1m18!1m12!1m3!1d5120.555397400		document	contact.html				
bootstrap-icons.woff2?24e3eb84d0bcaf83d77f90		font	bootstrap-icons.css				
■ boxicons.woff2		font	boxicons.min.css				
 background3.png 		png	style.css				
☐ Ø embed?pb=!1m18!1m12!1m3!1d5120.5553974		fetch	rs=ACT90oF98yMXlwkm	1.9 kB			
js?client=google-maps-embed&paint_origin=&li		script	embed?pb=!1m18!1m12				
gen_204?csp_test=true			js?client=google-maps-e		30 ms		4
init_embed.js		script	embed?pb=!1m18!1m12				
common.js		script	js?client=google-maps-e				
□ util.js		script	js?client=google-maps-e				
map.js		script	js?client=google-maps-e				
 data:image/svg+xml, 		svg+xml	init_embed.js:255				
overlay.js		script	js?client=google-maps-e				
■ StaticMapService.GetMapImage?1m2&1i2024011		png	js?client=google-maps-e	38.2 kB			
onion.js		script	js?client=google-maps-e				
search_impl.js		script	js?client=google-maps-e				
openhand_8_8.cur		bmp					
■ ViewportInfoService.GetViewportInfo?1m6&1m2		script	common.js:52		46 ms		1
AuthenticationService.Authenticate?1shttps%3A%		script	common.js:52				
■ vt?pb=!1m5!1m4!1i14!2i7907!3i5311!4i256!2m3!1		png	common.js:172				
■ vt?pb=!1m5!1m4!1i14!2i7906!3i5311!4i256!2m3!1		png	common.js:172				
■ vt?pb=!1m5!1m4!1i14!2i7906!3i5310!4i256!2m3!1		png	common.js:172				
■ vt?pb=!1m5!1m4!1i14!2i7907!3i5310!4i256!2m3!1		png	common.js:172				
□ vt?pb=!1m4!1m3!1i14!2i7906!3i5310!1m4!1m3!1i			util.js:223		28 ms		
QuotaService.RecordEvent?1shttps%3A%2F%2Fw		script	common.js:52				-
controls.js		script	js?client=google-maps-e				
■ data:image/svg+xml,		svg+xml	controls.js:38				
css?family=Google+Sans+Text:400&text=%E2%8		stylesheet	util.js:68				
css?family=Roboto:300,400,500,700 Google+Sans:		stylesheet	util.js:68				
☐ data:image/svg+xml,		svg+xml	controls.js:77				
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50 ms 100 ms 150 m	s 200 ms	250 r	ns 300 ms	350 ms	400 ms	450 ms	500 m
	Status	Туре	Initiator		Time	Waterfall	
shibitions.html	304	document		147 B	135 ms		
ootstrap.min.css		stylesheet	exhibitions.html		0 ms		
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oxicons.min.css		stylesheet	exhibitions.html		0 ms		
tyle.css		stylesheet	exhibitions.html				
ogo.png		png	exhibitions.html		0 ms		
nain.js			exhibitions.html				
png		png	exhibitions.html	114 B	278 ms		
hop.png		png	exhibitions.html			-	
png		png	exhibitions.html		139 ms		
png	304	png	exhibitions.html	107 B	26 ms		
JPG		jpeg	exhibitions.html	108 B	133 ms		
png	304	png	exhibitions.html	102 B	25 ms		
ootstrap-icons.woff2?24e3eb84d0bcaf83d77f90.		font	bootstrap-icons.css		0 ms		
oxicons.woff2		font	boxicons.min.css				
ootstrap-icons.woff2?24e3eb84d0bcaf83d77f90.		font	bootstrap-icons.css		0 ms		
oxicons.woff2		font	boxicons.min.css				
ackground3.png		png	style.css		0 ms		



Questions

