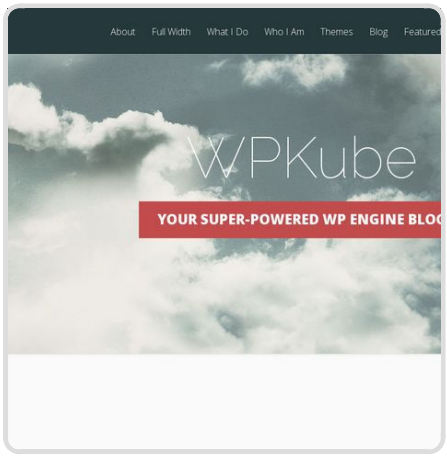

Performance Report for:

http://sourav.wpengine.com/

Report generated: Wednesday, June 19, 2013, 5:16 AM -0700

Test Server Region: Vancouver, Canada

Using: Firefox (Desktop) 14.0.1, Page Speed 1.12.16, YSlow 3.1.6

Page Speed Grade:		YSlow Grade:	
(93%) ↑ Avg: **77%**	A	(91%) ↑ Avg: **78%**	A

Page load time: 1.09s | **Total page size:** 1.22MB | **Total number of requests:** 33

Priority Issues (Top 5)

Remove query strings from static resources	E (53)	↓ Avg Score: **91%**	Content	High
Optimize images	C (71)	↕ Avg Score: **74%**	Images	High
Defer parsing of JavaScript	A (91	↑ Avg Score: **67%**	JS	High
Minify JavaScript	A (92	↕ Avg Score: **89%**	JS	High
Minify CSS	A (93	↑ Avg Score: **81%**	CSS	High

How does this affect me?

Studies show that users leave a site if it hasn't loaded in 4 seconds; keep your users happy and engaged by providing a fast performing website.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

About GTmetrix

We can help you develop a faster, more efficient, and all-around improved website experience for your users. We use Google Page Speed and Yahoo! YSlow to grade your site's performance and provide actionable recommendations to fix these issues.

About the Developer

GOSSAMERTHREADS Creative Web Engineering

GTmetrix is developed by the good folks at **Gossamer Threads**, a Vancouver-based company with over 16 years experience in web technology. www.gossamer-threads.com

What do these grades mean?

This report is an analysis of your site with Google and Yahoo!'s metrics for how to best develop a site for optimized speed. The **grades you see represent** how well the scanned URL adheres to those rules.

Lower grades (C or lower) mean that the page can stand to be faster using better practices and optimizing your settings.

What's in this report?

This report covers basic to technical analyses on your page. It is categorized under many headings:

- **Executive:** Overall score information and Priority Issues
- **History:** Graphed history of past performance
- **Waterfall:** Graph of your site's loading timeline
- **Technical:** In-depth Page Speed & YSlow information

These will provide you with a snapshot of your performance.

Waterfall

The waterfall graph displays the loading behaviour of your site in Firefox. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

Page Speed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Remove query strings from static resources	E (53)	Avg Score: **91**%	Content	High

Resources with a "?" in the URL are not cached by some proxy caching servers. Remove the query string and encode the parameters into the URL for the following resources:

- http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/js/et-ptemplates-frontend.js?ver=1.1
- http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/js/fancybox/jquery.easing-1.3.pack.js?ver=1.3.4
- http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/js/fancybox/jquery.fancybox-1.3.4.css?ver=1.3.4
- http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/js/fancybox/jquery.fancybox-1.3.4.pack.js?ver=1.3.4
- http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/page_templates.css?ver=1.8
- http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/shortcodes/css/shortcodes.css?ver=3.0
- http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/shortcodes/css/shortcodes_responsive.css?ver=3.0
- http://sourav.wpengine.com/wp-content/themes/Vertex/js/custom.js?ver=1.0
- http://sourav.wpengine.com/wp-content/themes/Vertex/js/superfish.js?ver=1.0
- http://sourav.wpengine.com/wp-content/themes/Vertex/js/waypoints.min.js?ver=1.0
- http://sourav.wpengine.com/wp-content/themes/Vertex/style.css?ver=3.5.1
- http://sourav.wpengine.com/wp-includes/js/jquery/jquery.js?ver=1.8.3

Optimize images	C (71)	Avg Score: **74**%	Images	High

Optimizing the following images could reduce their size by 100.5KiB (10% reduction).

- Losslessly compressing http://sourav.wpengine.com/wp-content/uploads/et_temp/5040312047_132ecd2e87_b-220295_539x480.jpg could save 13.2KiB (12% reduction). See optimized version
- Losslessly compressing http://sourav.wpengine.com/wp-content/uploads/et_temp/5040933782_e460dace63_b-230912_539x480.jpg could save 12.8KiB (11% reduction). See optimized version
- Losslessly compressing http://sourav.wpengine.com/wp-content/uploads/et_temp/5040312209_e6f9bb524a_b-462075_539x480.jpg could save 10.8KiB (9% reduction). See optimized version
- Losslessly compressing http://sourav.wpengine.com/wp-content/uploads/et_temp/5040933710_9e93149223_b-137285_539x480.jpg could save 10.7KiB (14% reduction). See optimized version
- Losslessly compressing http://sourav.wpengine.com/wp-content/uploads/et_temp/5040312255_af36b7eb87_b-164581_539x480.jpg could save 10.5KiB (12% reduction). See optimized version
- Losslessly compressing http://sourav.wpengine.com/wp-content/uploads/et_temp/5040933890_9aebaa6ca0_b-195349_539x480.jpg could save 10.2KiB (10% reduction). See optimized version
- Losslessly compressing http://sourav.wpengine.com/wp-content/uploads/et_temp/5040933962_85090fef30_b-287088_539x480.jpg could save 9.5KiB (9% reduction). See optimized version
- Losslessly compressing http://sourav.wpengine.com/wp-content/uploads/et_temp/5040933810_3655104d6f_b-92653_539x480.jpg could save 8.2KiB (15% reduction). See optimized version
- Losslessly compressing http://sourav.wpengine.com/wp-content/uploads/et_temp/5040311921_f20b3122e0_b-92800_539x480.jpg could save 8.0KiB (16% reduction). See optimized version
- Losslessly compressing http://sourav.wpengine.com/wp-content/uploads/et_temp/5040933834_75a7df1ebb_b-57879_539x480.jpg could save 6.6KiB (20% reduction). See optimized version
- Losslessly compressing http://sourav.wpengine.com/wp-content/themes/Vertex/images/bg.jpg could save 37B (1% reduction). See optimized version

Defer parsing of JavaScript	A (91	Avg Score: **67**%	JS	High

84.5KiB of JavaScript is parsed during initial page load. Defer parsing JavaScript to reduce blocking of page rendering.

- http://sourav.wpengine.com/wp-includes/js/jquery/jquery.js?ver=1.8.3 (84.4KiB)
- http://sourav.wpengine.com/ (112B of inline JavaScript)

Minify JavaScript	A (92	Avg Score: 89%	JS	High

Minifying the following JavaScript resources could reduce their size by 3.1KiB (7% reduction).

- Minifying http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/js/fancybox/jquery.easing-1.3.pack.js?ver=1.3.4 could save 1.0KiB (49% reduction) after compression. See optimized version
- Minifying http://sourav.wpengine.com/wp-content/themes/Vertex/js/custom.js?ver=1.0 could save 832B (25% reduction) after compression. See optimized version
- Minifying http://sourav.wpengine.com/wp-content/themes/Vertex/js/superfish.js?ver=1.0 could save 383B (26% reduction) after compression. See optimized version
- Minifying http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/js/et-ptemplates-frontend.js?ver=1.1 could save 379B (21% reduction) after compression. See optimized version
- Minifying http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/js/fancybox/jquery.fancybox-1.3.4.pack.js?ver=1.3.4 could save 327B (6% reduction) after compression. See optimized version
- Minifying http://sourav.wpengine.com/wp-content/themes/Vertex/js/waypoints.min.js?ver=1.0 could save 173B (7% reduction) after compression. See optimized version
- Minifying http://sourav.wpengine.com/wp-includes/js/jquery/jquery.js?ver=1.8.3 could save 42B (1% reduction) after compression. See optimized version

Minify CSS	A (93	Avg Score: 81%	CSS	High

Minifying the following CSS resources could reduce their size by 2.0KiB (11% reduction).

- Minifying http://sourav.wpengine.com/wp-content/themes/Vertex/style.css?ver=3.5.1 could save 1021B (12% reduction) after compression. See optimized version
- Minifying http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/js/fancybox/jquery.fancybox-1.3.4.css?ver=1.3.4 could save 400B (29% reduction) after compression. See optimized version
- Minifying http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/shortcodes/css/shortcodes.css?ver=3.0 could save 336B (6% reduction) after compression. See optimized version
- Minifying http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/page_templates.css?ver=1.8 could save 169B (8% reduction) after compression. See optimized version
- Minifying http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/shortcodes/css/shortcodes_responsive.css?ver=3.0 could save 67B (9% reduction) after compression. See optimized version
- Minifying http://fonts.googleapis.com/css?family=Open+Sans:300italic,400italic,700italic,800italic,400,300,700,800|Raleway:400,200,100,500,700,800&subset=latin,latin-ext could save 17B (3% reduction) after compression. See optimized version

Specify a cache validator	A (96)	Avg Score: 95%	Server	High

The following resources are missing a cache validator. Resources that do not specify a cache validator cannot be refreshed efficiently. Specify a Last-Modified or ETag header to enable cache validation for the following resources:

- http://fonts.googleapis.com/css?family=Open+Sans:300italic,400italic,700italic,800italic,400,300,700,800|Raleway:400,200,100,500,700,800&subset=latin,latin-ext

Minify HTML	A (97)	Avg Score: 93%	Content	High

Minifying the following HTML resources could reduce their size by 245B (7% reduction).

- Minifying http://sourav.wpengine.com/ could save 245B (7% reduction) after compression. See optimized version

Avoid bad requests	A (100)	Avg Score: 97%	Content	High

You scored 100% on this suggestion - nothing to do here!

Avoid a character set in the meta tag	A (100)	Avg Score: 95%	Content	High

You scored 100% on this suggestion - nothing to do here!

Avoid landing page redirects	A (100)	Avg Score: 97%	Server	High

You scored 100% on this suggestion - nothing to do here!

Enable gzip compression	A (100)	Avg Score: 79%	Server	High

You scored 100% on this suggestion - nothing to do here!				
Enable Keep-Alive	A (100)	Avg Score: **95**%	Server	High
You scored 100% on this suggestion - nothing to do here!				
Inline small CSS	A (100)	Avg Score: **93**%	CSS	High
You scored 100% on this suggestion - nothing to do here!				
Inline small JavaScript	A (100)	Avg Score: **97**%	JS	High
You scored 100% on this suggestion - nothing to do here!				
Leverage browser caching	A (100)	Avg Score: **54**%	Server	High
You scored 100% on this suggestion - nothing to do here!				
Minimize redirects	A (100)	Avg Score: **92**%	Content	High
You scored 100% on this suggestion - nothing to do here!				
Minimize request size	A (100)	Avg Score: **99**%	Content	High
You scored 100% on this suggestion - nothing to do here!				
Optimize the order of styles and scripts	A (100)	Avg Score: **94**%	CSS/JS	High
You scored 100% on this suggestion - nothing to do here!				
Put CSS in the document head	A (100)	Avg Score: **100**%	CSS	High
You scored 100% on this suggestion - nothing to do here!				
Serve resources from a consistent URL	A (100)	Avg Score: **94**%	Content	High
You scored 100% on this suggestion - nothing to do here!				
Serve scaled images	A (100)	Avg Score: **89**%	Images	High
You scored 100% on this suggestion - nothing to do here!				
Specify a Vary: Accept-Encoding header	A (100)	Avg Score: **90**%	Server	High
You scored 100% on this suggestion - nothing to do here!				
Specify a character set early	A (100)	Avg Score: **97**%	Content	High
You scored 100% on this suggestion - nothing to do here!				
Specify image dimensions	A (100)	Avg Score: **51**%	Images	High
You scored 100% on this suggestion - nothing to do here!				
Avoid CSS @import	A (100)	Avg Score: **96**%	CSS	Medium
You scored 100% on this suggestion - nothing to do here!				
Combine images using CSS sprites	A (100)	Avg Score: **68**%	Images	Medium
You scored 100% on this suggestion - nothing to do here!				
Prefer asynchronous resources	A (100)	Avg Score: **93**%	JS	Medium
You scored 100% on this suggestion - nothing to do here!				

YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Use a Content Delivery Network (CDN)	F (0)	Avg Score: **7%**	Server	Medium

Using a CDN YSlow doesn't recognize? Specify your CDNs in your User Settings.

There are 26 static components that are not on CDN.

- http://fonts.googleapis.com/css?family=Open+Sans:300italic,400italic,700italic,800italic,400,300,700,800|Raleway:400,200,100,500,700,800&subset=latin,latin-ext
- http://sourav.wpengine.com/wp-content/themes/Vertex/style.css?ver=3.5.1
- http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/shortcodes/css/shortcodes.css?ver=3.0
- http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/shortcodes/css/shortcodes_responsive.css?ver=3.0
- http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/js/fancybox/jquery.fancybox-1.3.4.css?ver=1.3.4
- http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/page_templates.css?ver=1.8
- http://sourav.wpengine.com/wp-includes/js/jquery/jquery.js?ver=1.8.3
- http://sourav.wpengine.com/wp-content/uploads/et_temp/5040311921_f20b3122e0_b-92800_539x480.jpg
- http://sourav.wpengine.com/wp-content/uploads/et_temp/5040933710_9e93149223_b-137285_539x480.jpg
- http://sourav.wpengine.com/wp-content/uploads/et_temp/5040933810_3655104d6f_b-92653_539x480.jpg
- http://sourav.wpengine.com/wp-content/uploads/et_temp/5040933782_e460dace63_b-230912_539x480.jpg
- http://sourav.wpengine.com/wp-content/uploads/et_temp/5040933834_75a7df1ebb_b-57879_539x480.jpg
- http://sourav.wpengine.com/wp-content/uploads/et_temp/5040312047_132ecd2e87_b-220295_539x480.jpg
- http://sourav.wpengine.com/wp-content/uploads/et_temp/5040933890_9aebaa6ca0_b-195349_539x480.jpg
- http://sourav.wpengine.com/wp-content/uploads/et_temp/5040933962_85090fef30_b-287088_539x480.jpg
- http://sourav.wpengine.com/wp-content/uploads/et_temp/5040312209_e6f9bb524a_b-462075_539x480.jpg
- http://sourav.wpengine.com/wp-content/uploads/et_temp/5040312255_af36b7eb87_b-164581_539x480.jpg
- http://sourav.wpengine.com/wp-content/themes/Vertex/js/superfish.js?ver=1.0
- http://sourav.wpengine.com/wp-content/themes/Vertex/js/waypoints.min.js?ver=1.0
- http://sourav.wpengine.com/wp-content/themes/Vertex/js/custom.js?ver=1.0
- http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/js/fancybox/jquery.easing-1.3.pack.js?ver=1.3.4
- http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/js/fancybox/jquery.fancybox-1.3.4.pack.js?ver=1.3.4
- http://sourav.wpengine.com/wp-content/themes/Vertex/epanel/page_templates/js/et-ptemplates-frontend.js?ver=1.1
- http://sourav.wpengine.com/wp-content/themes/Vertex/images/bg.jpg
- http://sourav.wpengine.com/wp-content/themes/Vertex/images/left-arrow.png
- http://sourav.wpengine.com/wp-content/themes/Vertex/images/right-arrow.png

Make fewer HTTP requests	D (68)	Avg Score: **43%**	Content	High

This page has 7 external Javascript scripts. Try combining them into one. This page has 6 external stylesheets. Try combining them into one.

Add Expires headers	B (89)	Avg Score: **23%**	Server	High

There is 1 static component without a far-future expiration date.

- http://fonts.googleapis.com/css?family=Open+Sans:300italic,400italic,700italic,800italic,400,300,700,800|Raleway:400,200,100,500,700,800&subset=latin,latin-ext

Avoid empty src or href	A (100)	Avg Score: **100%**	Content	High

You scored 100% on this suggestion - nothing to do here!

Compress components with gzip	A (100)	Avg Score: **66%**	Server	High

You scored 100% on this suggestion - nothing to do here!

Minify JavaScript and CSS	A (100)	Avg Score: **75%**	CSS/JS	Medium

You scored 100% on this suggestion - nothing to do here!

Avoid URL redirects	A (100)	Avg Score: **87**%	Content	Medium

You scored 100% on this suggestion - nothing to do here!

Make AJAX cacheable	A (100)	Avg Score: **100**%	JS	Medium

You scored 100% on this suggestion - nothing to do here!

Put CSS at the top	A (100)	Avg Score: **100**%	CSS	Medium

You scored 100% on this suggestion - nothing to do here!

Remove duplicate JavaScript and CSS	A (100)	Avg Score: **100**%	CSS/JS	Medium

You scored 100% on this suggestion - nothing to do here!

Put JavaScript at bottom	A (100)	Avg Score: **100**%	JS	Medium

You scored 100% on this suggestion - nothing to do here!

Avoid AlphaImageLoader filter	A (100)	Avg Score: **95**%	CSS	Medium

You scored 100% on this suggestion - nothing to do here!

Avoid HTTP 404 (Not Found) error	A (100)	Avg Score: **100**%	Content	Medium

You scored 100% on this suggestion - nothing to do here!

Reduce the number of DOM elements	A (100)	Avg Score: **93**%	Content	Low

You scored 100% on this suggestion - nothing to do here!

Do not scale images in HTML	A (100)	Avg Score: **100**%	Images	Low

You scored 100% on this suggestion - nothing to do here!

Use cookie-free domains	A (100)	Avg Score: **42**%	Cookie	Low

You scored 100% on this suggestion - nothing to do here!

Use GET for AJAX requests	A (100)	Avg Score: **100**%	JS	Low

You scored 100% on this suggestion - nothing to do here!

Avoid CSS expressions	A (100)	Avg Score: **97**%	CSS	Low

You scored 100% on this suggestion - nothing to do here!

Reduce DNS lookups	A (100)	Avg Score: **74**%	Content	Low

- sourav.wpengine.com: 26 components, 1325.5K (85.8K GZip)
- fonts.googleapis.com: 1 component, 3.8K (0.7K GZip)

Reduce cookie size	A (100)	Avg Score: **100**%	Cookie	Low

You scored 100% on this suggestion - nothing to do here!

Make favicon small and cacheable	A (100)	Avg Score: **100**%	Images	Low

You scored 100% on this suggestion - nothing to do here!

Configure entity tags (ETags)	A (100)	Avg Score: **50**%	Server	Low

You scored 100% on this suggestion - nothing to do here!

Make JavaScript and CSS external	(n/a)		CSS/JS	Medium

Only consider this if your property is a common user home page.

- There is a total of 3 inline css
- There is a total of 3 inline scripts