# WordPress Pagespeed Cheat Sheet

**BEFORE** 

16

**AFTER** 



How to master core web vitals for every WordPress site you manage

#### **Table of Contents**

Understanding Google's Core Web Vitals	4
What Exactly Are Core Web Vitals?	4
What Does Google Say About Page Speed Optimization?	5
Why WordPress lags on page speed?	6
The Nestify Pagespeed Method	8
Delving Into the Nestify Pagespeed Method	8
JavaScript: The Backbone of Interaction	9
Images: The Heavy Lifters	9
CSS and Fonts: The Finishing Touch	10
Nestify method in a nutshell:	10
Step-by-Step Guide to Fixing WordPress PageSpeed Issues	11
Dive into the First Step: Javascript	13
Javascript: Why We Need to Shift Our Approach	13
Seeing is Believing	13
Seeing is Believing  Your Step-By-Step Guide to Delaying Javascript	
	14
Your Step-By-Step Guide to Delaying Javascript	14 14
Your Step-By-Step Guide to Delaying Javascript  Take a Moment to Admire Your Work	14 14 14
Your Step-By-Step Guide to Delaying Javascript  Take a Moment to Admire Your Work  Found a Glitch? Here's the Fix	14 14 14 16
Your Step-By-Step Guide to Delaying Javascript  Take a Moment to Admire Your Work  Found a Glitch? Here's the Fix  The Second Gear: Image Optimization	14 14 16 16
Your Step-By-Step Guide to Delaying Javascript  Take a Moment to Admire Your Work  Found a Glitch? Here's the Fix  The Second Gear: Image Optimization  Why Images Need Your Attention	14 14 16 16
Your Step-By-Step Guide to Delaying Javascript  Take a Moment to Admire Your Work  Found a Glitch? Here's the Fix  The Second Gear: Image Optimization  Why Images Need Your Attention  The Hidden Cost of Image Optimization	14 14 16 16 16
Your Step-By-Step Guide to Delaying Javascript  Take a Moment to Admire Your Work  Found a Glitch? Here's the Fix  The Second Gear: Image Optimization  Why Images Need Your Attention  The Hidden Cost of Image Optimization  The Statically Solution	14 14 16 16 16 17
Your Step-By-Step Guide to Delaying Javascript  Take a Moment to Admire Your Work  Found a Glitch? Here's the Fix  The Second Gear: Image Optimization  Why Images Need Your Attention  The Hidden Cost of Image Optimization  The Statically Solution  Statically: Setting It Up	14 14 16 16 16 17
Your Step-By-Step Guide to Delaying Javascript  Take a Moment to Admire Your Work  Found a Glitch? Here's the Fix  The Second Gear: Image Optimization  Why Images Need Your Attention  The Hidden Cost of Image Optimization  The Statically Solution  Statically: Setting It Up  Step 3: The Fine Art of CSS Optimization	14 14 16 16 16 17 18

	Autoptimize: The Safe Passage	. 19
	The PageSpeed Verdict	. 20
3 (	Common Website Speed Mistakes to Avoid	. <b>21</b>
	Mistake 1: Using Off-Brand Speed Test Tools.	. 21
	Mistake 2: Overusing Lazyloading	. 22
	Mistake 3: Spending hours on Low-Impact Tweaks!	. 23
Us	sing ChatGPT for WordPress Optimization	. 26
	Prompt for WordPress database cleanup and optimization	. 27
	Prompt for disabling WordPress heartbeat	. 28
	Prompt for disabling XML-RPC, and Blog pingbacks	. 28
	Prompt for removing Jetpack upsell popups and integration from WooCommerce	. 28
	Prompt for removing WordPress emojis, embeds, dashicons, Jqmigrate, RSS	
	Feeds, WooCommerce cart fragmets, comment urls	. 29
Вс	onus Chapter: The Great WordPress Plugin Audit	. 30
	Here are the top 10 Free plugins:	. 31
	Top 10 Paid plugins:	. 31
	Putting It All Together: Your Plugin Roadmap	. 32
W	rapping Up Your Pagespeed Journey	. <i>33</i>
	Recap of the Nestify Pagespeed Method	. 33
	The Ever-evolving World of Pagespeed Optimization	. 33
	Stay Ahead with Nestify	. 34
	Final Thoughts	. 34

# UNDERSTANDING GOOGLE'S CORE WEB VITALS

Hey there, WP Admin!

If you're frequently diving into GTmetrix and Pagespeed reports of customer websites, aiming to give them that speed boost they so desperately need, then you're in the right spot.

We all know the online world moves fast, and website speed can make or break a visitor's experience. And let's be real: a happy visitor can quickly turn into a happy customer.

Enter the 'Nestify Pagespeed Method.' This is your new secret weapon.

It's designed to guarantee your WordPress sites not only zoom past competitors but also pass those all-important Core Web Vitals. So buckle up, because we're about to dive deep into how to make every website you touch run like a dream!

#### What Exactly Are Core Web Vitals?

Imagine you're browsing your favorite website. You'd want it to load quickly, respond to your clicks promptly, and everything should stay put as you scroll, right? That's

essentially what Core Web Vitals measure, with a small twist.

These are a set of three primary metrics Google uses to gauge:

**Loading Speed:** How swiftly the content on a page becomes visible.

**Interactivity:** The time it takes for a site to become interactive after a user clicks on something.

Visual Stability: Ensuring elements on the page don't move around unexpectedly, which can be pretty annoying.

# What Does Google Say About Page Speed Optimization?

Google has a lot to say about making websites faster, and here's something interesting they suggest: They encourage "deferring" until a user interacts. But what does that mean?

We've all heard of "lazyloading." It's when parts of a site, like images, only load as they're about to show up. It saves time and makes sites feel faster.

But Google has another idea, and it's a game-changer. They're talking about loading parts of a website when a user does something, like clicking or scrolling.

It's more than just waiting for images to appear. It could be

scripts, features, or other site elements. They only spring into action when the user interacts.

Why is this cool? Initial page loads become lightning-fast. The website seems almost psychic, responding instantly to user needs.

Think of it as an interactive journey. Instead of giving users everything all at once, the website rolls out the red carpet, step by step, based on user actions.

By using this cool method, websites can give users a better and faster experience, which is what Google loves to see!

#### Why WordPress lags on page speed?

Google places a lot of importance on these metrics. They influence where your website ranks in search results. Higher rankings can translate to more visitors, and a faster website ensures they have a good experience.

Here are some common reasons WordPress sites lag behind:

Slow Web Hosting: A good host provides the foundation for a fast website. Imagine trying to stream a high-definition movie over a slow internet connection; it's not going to work well.

Excess Scripts: While plugins and scripts can add functionality, adding too many can weigh a site down. It's

like having too many apps open on your computer; things can start to slow down.

Large Images: High-resolution images are great for clarity, but if they aren't optimized for web use, they can be a major drag on loading times.

**Heavy Themes:** A theme can define how a website looks and feels, but some are packed with unnecessary features, which can impact speed.

You've learned how important speed is, especially how Google measures it with Core Web Vitals. But knowing this is only the first step.

The real magic happens when you put that knowledge into action.

Are you ready for a method that doesn't just make promises but actually delivers?

In the next chapter, we're unveiling the 'Nestify Pagespeed Method.' This is a strategy that will change the way you approach optimizing WordPress sites.

So prepare to say goodbye to slow page loading times. Get ready to turn those sluggish speeds into lightning-fast experiences.

Hang tight and let's dive into Chapter 2!

#### THE NESTIFY PAGESPEED METHOD

The story behind this method starts with the scrapy band of lovable misfits at Nestify. When Google shouted, "Page speed matters!" we listened. And boy, did we have a task ahead! We were looking at thousands of WordPress sites that needed a boost in speed.

You might think it was a walk in the park, but oh, it was quite the journey. Through tons of trial and error, we pieced together a game plan. Instead of juggling a bunch of plugins or tinkering with themes, we found a straight path to faster websites.

Over the cups of coffee and late-night coding sessions, we kept refining our method. And guess what? We nailed it.

Now, let's break it down. The **Nestify Pagespeed Method** is as easy as 1-2-3. First up, we tackle JavaScript. Then, we give images a makeover. And finally, we spruce up the CSS.

#### Delving Into the Nestify Pagespeed Method

When we say the Nestify Pagespeed Method is a 1-2-3 process, we really mean it. It's our J-I-C system: JavaScript, Images, then CSS. Let's delve into why this order is the golden ticket.

#### JavaScript: The Backbone of Interaction

JavaScript, or JS for short, is like the puppeteer behind the scenes. It can change a webpage on-the-fly, adding new elements, sending data, and even loading more scripts. If we don't address JS first, other tweaks like minifying scripts or using gzip compression barely make a dent in speed.

Think about common scripts: Facebook Pixel, Google Analytics, and those pesky email popups. They're like the chatterboxes of the web, sending data back and forth. This chatter bogs down page speed, which is bad news for your site's Core Web Vitals.

#### **Images: The Heavy Lifters**

Next, we zoom in on images. Cameras today capture every detail, leading to huge image files. But with a sprinkle of Nestify magic, we optimize these images and even serve them in Google's preferred WebP format. This step is like swapping a heavy backpack for a feather. You might think minifying tons of scripts helps a lot, but trust us, image optimization is where you'll feel the speed.

Best part? Tweaking JS and images won't make your website look wonky. Yet, these two steps rev up your pagespeed like a sports car.

#### CSS and Fonts: The Finishing Touch

After we've seized the big wins, we zoom into CSS and fonts. These design elements determine how your site looks. By streamlining them, we can push that pagespeed score to the finish line. It's like polishing a diamond, making sure every facet shines brilliantly.

Stay with us, because we're going to dive deep into each of these steps, ensuring your website doesn't just look good but runs like the wind!

#### Nestify method in a nutshell:

Tackling JavaScript first keeps the webpage's interactive elements in check, ensuring they don't slow things down.

Optimizing images is like shedding unnecessary weight, making your site feel lighter and faster.

Fine-tuning CSS and fonts ensures your site not only looks great but achieves that coveted perfect pagespeed score.

#### Pro Tip:

You can apply the Nestify Pagespeed method to all of your WordPress sites with just 1 click from your Nestify.io account.

Try our Pagespeed optimized WordPress hosting for FREE at Nestify.io.

# STEP-BY-STEP GUIDE TO FIXING WORDPRESS PAGESPEED ISSUES

Let's start step-by-step and implement the Nestify pagespeed method. But first, let's do some prep!

#### Preparation Step 1: Create a backup:

Before you dive into the Nestify Pagespeed Method, safety first! Always create a backup of your website. It's your safety net. If things go haywire, you can quickly revert to the original state.

#### **Preparation Step 2: Disable Existing Optimization Plugins**

Before we start, turn off any cache or optimization plugins. These plugins might have good intentions, but they can mess things up for us. We want a clean slate. It ensures we don't have any clashing tools or conflicting methods.

#### Preparation Step 3: Measure Consistently

There are many tools out there to measure site speed. But for us, Google's own PageSpeed Insights is the go-to. Why? Because Google uses the same criteria to judge your site. Use other tools, and you might end up chasing the wrong goals.

## Preparation Step 4: Run the Test Twice: Get Accurate Readings

Don't just measure once. Measure twice. It lets your server, hosting, and CDN warm up. This double-check ensures the data mirrors what your visitors actually experience.

#### Preparation Step 5: Screenshot Your Results: Don't Lose Your Benchmark

After running the tests, screenshot the second result. Bookmarks won't save the data. A screenshot becomes your 'before picture', letting you see how far you've come.

### Preparation Step 6: Focus on Mobile: Where the Real Battle Is

PageSpeed Insights gives you two scores: one for desktop and one for mobile. Mobile is the tougher judge, but if you ace it, you'll do well on desktop too. Most sites we work on score 95+ on desktop just by focusing on mobile.

By taking these preliminary steps, you set the stage for a successful optimization journey. Now that you know how to prepare and what to measure, you're ready to dive deeper into the Nestify Pagespeed Method. Trust us, your website speed is about to go from average to amazing!

#### Pro Tip:

Use Chrome's developer tools > Performance tab to run instant Lighthouse speed tests on your site.

# DIVE INTO THE FIRST STEP: JAVASCRIPT

#### Javascript: Why We Need to Shift Our Approach

The real magic of the Nestify method starts with JavaScript. Traditional strategies like deferring or making scripts async help, but the real game-changer? Delaying scripts until a user takes some action. Think of actions like a key press, mouse move, or page scroll. Wait for these actions, and then bring in those heavy scripts.

#### Seeing is Believing

Sounds too simple, right? But here's the kicker - not only does this method work wonders, Google approves of it!

If your inner geek wants to know the why and how, Google's web dev blog has you covered. Check out their insights at <a href="https://web.dev/efficiently-load-third-party-javascript/">https://web.dev/efficiently-load-third-party-javascript/</a>. All optimization methods in this book are either approved by Google or are considered best practices by experts. No blackhat or greyhat stuff here!

#### Your Step-By-Step Guide to Delaying Javascript

Ready to see it in action? Let's go!

- 1. First, get into your site's wp-admin.
- 2. Head over to plugins > Add new.
- 3. Search for the 'wp-meteor' plugin. Install and activate it.
- 4. Navigate to Settings > WP Meteor. Slide that slider to 'until user interaction'.
- 5. If you've got a server side cache, clear it. Then, take two PageSpeed tests.

#### Take a Moment to Admire Your Work

Look at those results! Note down the difference. The boost will surprise you. Afterward, give your website a little tour. Check out dynamic features: menus, sliders, accordions, popups. For most, WP Meteor and your theme will be in perfect harmony.

#### Found a Glitch? Here's the Fix

Using an older theme? If things seem off (especially if your theme loves JavaScript or jQuery), there's a remedy. Head back to WP Meteor. Look for the exclusions tab. You'll see a big textbox. Type in "wp-content" and "wp-includes", each on a new line. Save that setting. This move keeps your theme's

scripts as they are, but puts third-party scripts, like Facebook Pixel or Google Analytics, on a delay. The score might drop a smidge, but trust us, this is the smart route.

With Javascript under our belt, next on our list? Those picture-perfect images. Let's make them speedy too!

#### Pro Tip:

If you are using Divi or Elementor, try deactivating their built-in performance optimization settings when using wp-meteor.

Javascript optimization offered by these page builders is experimental, and limited only to WordPress scripts.

This means that you still need a plugin to optimize your facebook pixel, analytics and all 3rd party scripts.

By deactivating these page builder optimizations you avoid broken elements on your site.

THE SECOND GEAR: IMAGE

**OPTIMIZATION** 

#### Why Images Need Your Attention

Having mastered JavaScript, let's shift focus. Images: They're the second heaviest drag on your site speed. While countless tools and plugins promise to resize and perfect these images within WordPress, they often come with a catch. Some want you to buy "optimization credits". Others, in their zeal to compress, can make your images appear fuzzy, robbing your site of its crisp look. Worse still, some plugins are just too enthusiastic and create multiple versions of a single image. This can be a storage nightmare!

#### The Hidden Cost of Image Optimization

Also, let's talk about those sneaky scheduled events. Many image tools run optimization tasks periodically, often in the background. Sounds harmless? Wrong! They can slow your site down while they're working away.

#### The Statically Solution

Enter Statically: A powerhouse for image optimization. It's a

dedicated Content Delivery Network (CDN) that doesn't just store and deliver. It takes image optimization to the next level. How? By ensuring your site's images are served from a location nearest to the visitor. Even better, it converts images into the Google-approved format, WebP. This way, every image beams in perfect clarity. No extra space taken, no site slowdowns, and every new image you upload? Instantly optimized.

#### Statically: Setting It Up

Ready to harness this power? Here's a step-by-step guide:

Access your WordPress admin.

- 1. Navigate to plugins > Add new.
- 2. Look for 'cdn-enabler'. Install, then activate.
- 3. Go to Settings > CDN Enabler. Now, for your CDN URL, use this structure, but replace "yourdomain.com" with your actual domain:
  - https://cdn.statically.io/img/yourdomain.com/f=webp/
- 4. If needed, clear that WordPress cache. Then, roll two PageSpeed tests.
- 5. Sit Back and Admire

There you have it! Your images are not just fast, but crystalclear. Best of all? It doesn't cost you a dime. With your images in prime shape, your PageSpeed score is surely climbing. But we aren't stopping here. Let's tighten up and perfect that score. Up next? The world of CSS.

#### Pro Tip:

If you need the images to load from your own domain name, consider using BunnyCDN. It will optimize and convert images to WebP automatically.

#### The Cascading Magic

Having delved into the realms of Javascript and images, it's now the turn of a potent and ever-pervasive part of web design: the CSS. The Cascading Style Sheets, or CSS, give life to web designs. They prescribe the exact look, feel, and placement of every element on your website. It's in the term "cascading" – the styles cascade down, affecting various elements in a prescribed order. Every style instruction, packaged as a <style> tag, must be fully downloaded and processed by browsers. If your site is heavy with these stylesheets, your page speed is bound to get hamstrung.

#### Streamlining with Strategy

The trick? Aggregate. Think of it as condensing multiple instruction books into one master manual, and then ensuring this master manual is handed out as soon as you enter the

room. By merging and inlining all stylesheets, we eliminate multiple network requests and guarantee that browsers get the style cues right off the bat.

#### **Enter Autoptimize**

Autoptimize is our go-to tool for this process. With over a million installs, its popularity isn't without reason. It's robust, loaded with features, and, when wielded with precision, can weave magic. The catch? It's power-packed, which means a misstep might throw a spanner in the works.

#### Autoptimize: The Safe Passage

Let's navigate this powerhouse safely:

- 1. Jump into your WordPress admin.
- 2. Direct yourself to plugins > Add new.
- 3. Type in 'autoptimize'. Install and activate.
- 4. Head over to Settings > Autoptimize.
- 5. Deselect options for Javascript, HTML, and CDN optimization. Remember, we've already taken care of these in earlier steps.
- 6. Select these options:
  - a. Optimize CSS Code
  - b. Aggregate CSS-files
  - c. Also aggregate inline CSS

#### d. Inline all CSS

- 7. Save your changes and click on 'empty cache'.
- 8. If you have any caching mechanism in place, clear that cache now.

Once done, put your site under the lens. Check every nook and cranny, every page layout, every dropdown. All good? Great! Otherwise, just retrace your steps with Autoptimize and tweak settings incrementally.

#### Pro Tip:

Use fonts.bunny.net for a privacy-friendly and faster Google fonts delivery alternative.

#### The PageSpeed Verdict

Now, run those two PageSpeed tests and jot down the outcomes. Ideally, with JavaScript, images, and CSS duly optimized, a score of 90+ for both mobile and desktop isn't just a dream – it should be your reality. If that isn't the case, it's time to re-evaluate your steps. But rest assured, a high-speed, seamless user experience is within arm's reach!

Next, we'll look at common mistakes admin do on their journey towards a perfect pagespeed score.

# 3 COMMON WEBSITE SPEED MISTAKES TO AVOID

You've learned a lot about optimizing your WordPress site so far! But, even with the best tools and techniques, mistakes can happen. In this chapter, we'll explore some pitfalls people often face even after optimizing their site. Let's dive into these common missteps and learn how to sidestep them.

#### Mistake 1: Using Off-Brand Speed Test Tools.

It's not uncommon to see website speed tests being dangled as bait for various software services. But here's the kicker: a lot of these tests only peek at a few aspects of your site and then slap a performance grade on it.

You might also get hit with "helpful" suggestions like 'Enable GZip' or 'Go cookie-free for images'. But here's the inside scoop: many of these tips don't actually move the needle much in terms of boosting site performance.

And about that GZip tip: if you're rocking a contemporary CDN or some solid hosting, you probably have GZip or even Brotli compression in your corner. Some test tools get a little huffy and can't recognize Brotli compression, unfairly marking you down. When it comes to core web vitals, we're

talking a broader set of metrics, such as FCP, LCP, and FID. So if a speed test just tosses you a time in seconds? That's not gonna cut it when you're aiming to master core web vitals.

#### Case in Point: The Tale of Pingdom.

Once upon a time, Pingdom was the talk of the town. But then 2021 rolled around, and Google rolled out fresh metrics for core web vitals, giving a thumbs up to their Lighthouse tool for performance checks.

Meanwhile, Pingdom? Still vibing with their old-school method that squints at your site's file size before handing out grades.

Here's the takeaway: if you're looking to spruce up WordPress and make the grade for core web vitals, you'll want to buddy up with a Lighthouse-based test service. Top contenders? Google's very own PageSpeed Insights, GTMetrix, or Webpagetest.org. Dive in!

#### Mistake 2: Overusing Lazyloading

Back in the day when internet speeds were sluggish, lazyloading images was a game-changer. It allowed images to load only when they were about to be viewed. This meant users could dive into content without twiddling their thumbs waiting for images to pop up — a win-win!

But times have changed. Nowadays, folks expect your site to dazzle them right from the get-go. If your images take a beat to appear due to lazyloading, it can make your website seem like it's dragging its feet.

And when it comes to core web vitals, there's a big focus on the 'First Contentful Paint (FCP)'. This metric gauges how swiftly the main content on your page becomes visible. If you're using lazyloading for your images, sadly, your FCP score might not be in the top tier.

So, what's the trick to get around this? Keep any images in the initial view of your website (the "first fold") from lazyloading. If you're working with a plugin that offers this feature, consider setting these images to load "eagerly". This ensures that the images at the very top of your site pop up immediately, while the ones below can take their sweet time, loading as visitors scroll.

Plus, here's a nifty tidbit: many of today's web browsers are equipped with a "loading" attribute for image tags. This leans on the browser's built-in lazyloading feature, which is often slicker than what a plugin can do.

#### Mistake 3: Spending hours on Low-Impact Tweaks!

You know how using off-brand speed tests can trip you up? Well, this mistake is cut from the same cloth: old advice,

dusty habits, and a pinch of "I didn't know any better." Sure, there was a time when minifying libraries, merging JS files, and scrubbing HTML comments were all the rage.

But listen up: with today's zippy internet and the magic of HTTP2, these tweaks barely nudge your PageSpeed score. Even worse? You could burn hours or days tinkering with them.

So, if you're gunning for a top spot in core web vitals, it's time to prioritize. Here are some tasks you can shove to the bottom of your to-do list and focus on the big wins first:

- Minifying JS and CSS files
- Combining JS and CSS files
- Zapping HTML comments
- Using a cookie-free domain for site images
- Manually shifting JavaScript to the page's footer
- Juggling images from multiple subdomains to speed up parallel downloads
- Fiddling with browser cache TTL settings via htaccess or other methods (Leave this to your host or CDN, will ya?)
- Using lossy compression and fine-tuning each image by hand
- Sweeping out WordPress emoji scripts
- Slapping a 'defer' tag on all scripts and then scrambling to unbreak your pages

Let's get real: you've got more important things to focus on, right? So let's keep our eyes on the prize and zero in on what truly moves the needle!

#### Pro Tip:

Use ChatGPT to write code snippets that will automate these low-impact optimization tasks for you.

In the next chapter we will look at leveraging ChatGPT to replace bloated optimization plugins.

# USING CHATGPT FOR WORDPRESS OPTIMIZATION

You've seen it; WordPress optimization plugins are everywhere. With a sea of choices, it's like trying to find a needle in a haystack to get the perfect one. And isn't it just the worst when the goodies you want are spread across a handful of plugins? But then, loading up on multiple plugins? Well, let's just say it can make things... unexpectedly wild.

Now, picture this: What if you had a WordPress whiz, fresh outta college, ready to craft the exact optimization features you're dreaming of? And, oh yeah, did we mention for free? That's the magic of ChatGPT when you give it a whirl.

Simply feed ChatGPT the prompts from this chapter, and it'll whip up some sleek PHP code to swap out those chunky optimization plugins.

#### Ready to work some magic? Here's your game plan:

- 1. First things first, back it up! Create a fresh backup and tuck it away safely.
- 2. Pop your prompt into ChatGPT and hold tight for that nifty PHP code.
- 3. Got it? Great! Now copy that PHP goodness and slide it

into your theme's functions.php file. You can do this via wp-admin > Appearance > Theme file editor or with your go-to editor.

- 4. Hit save on that functions.php and clear out your host's cache if it's looking a tad cluttered.
- 5. Sit back, relax, and watch your site rev up all without the need for extra plugins.

## Prompt for WordPress database cleanup and optimization

\_\_\_

I need to delete the following WordPress database items using PHP:

Expired transients

Post revisions

Auto drafts & trashed items

Spam and trash comments

Orphan metadata

Unused tags and categories

This function should be accessible from wp-admin using a menu option called 'WordPress Cleanup', and should display the results upon completion. Let's assume that this code will be placed in active theme's functions.php file. Only send the PHP code without explaining it.

\_\_\_

#### Prompt for disabling WordPress heartbeat

\_\_\_

I need to reduce WordPress heartbeat on the frontend and wp-admin to the maximum permitted limit using PHP. Let's assume that this code will be placed in active theme's functions.php file. Only send the PHP code without explaining it.

\_\_\_

#### Prompt for disabling XML-RPC, and Blog pingbacks

---

I need to disable WordPress XML-RPC, and pingbacks using PHP. Let's assume that this code will be placed in active theme's functions.php file. Only send the PHP code without explaining it.

---

## Prompt for removing Jetpack upsell popups and integration from WooCommerce

---

I need to disable all Jetpack integrations in WooCommerce using PHP. It should also remove all notifications in WooCommerce that suggest using Jetpack. Let's assume that this code will be placed in active theme's functions.php file. Only send the PHP code without explaining it.

\_\_\_

Prompt for removing WordPress emojis, embeds, dashicons, Jqmigrate, RSS Feeds, WooCommerce cart fragmets, comment urls

\_\_\_

I need to disable the following WordPress elements using PHP:

WordPress emojis

Embeds

Dashicons

Jqmigrate

**RSS Feeds** 

WooCommerce cart fragmets

Comment urls

Let's assume that this code will be placed in active theme's functions.php file. Only send the PHP code without explaining it.

---

Once you start leveraging ChatGPT in this manner, you can replace quite a few single-function plugins and even extend WordPress to suit your needs.

## BONUS CHAPTER: THE GREAT WORDPRESS PLUGIN AUDIT

Ever find yourselves caught in a plugin predicament? You know the feeling: Do I have too many plugins, or too few? Am I splurging too much, or not enough? Will going premium give my site that special sparkle, or is it just hype?

Good news! We've done some sleuthing to help you solve this riddle. We peeked under the hood of 50,000 WordPress sites hosted with Nestify, examining things like the number of plugins each site had, how many were premium, and how many were freebies. So here's the inside scoop on what we found:

(Since you've stopped here, I assume you would continue with the findings next, right?)

With this info in hand, you'll be better equipped to find that plugin sweet spot and make informed choices. So let's dig in and demystify this whole plugin puzzle, shall we?

Across 50,000 WordPress sites that we checked, here are the average number of plugins:

Average Total plugins: 23 Average Active plugins: 19 Average Inactive plugins: 4

#### Here are the top 10 Free plugins:

- 1. elementor
- 2. contact-form-7
- 3. wordpress-seo
- 4. classic-editor
- 5. woocommerce
- 6. duplicate-page
- 7. akismet
- 8. revslider
- 9. google-site-kit
- 10.wpforms-lite

#### Top 10 Paid plugins:

- 1. elementor-pro
- 2. gravityforms
- 3. advanced-custom-fields-pro
- 4. updraftplus
- 5. seo-by-rank-math-pro
- 6. premium-addons-for-elementor
- 7. wp-rocket
- 8. wordpress-seo-premium
- 9. wp-smush-pro
- 10. Yith-woocommerce-wishlist

#### Putting It All Together: Your Plugin Roadmap

So there you have it, folks! Our deep dive into 50,000 WordPress sites has shed some much-needed light on the swirling questions around plugins.

Whether you've been worrying about quantity, debating the value of premium options, or simply scratching your head over what's really essential, these insights offer a roadmap to guide your plugin journey.

The key takeaway? There's no one-size-fits-all answer, but armed with this data, you're well on your way to making savvy, customized choices for your site.

Happy optimizing, and here's to finding your plugin sweet spot!

#### Pro Tip:

WordPress sites hosted on Nestify safely and automatically update every plugin without needing any input from you.

## WRAPPING UP YOUR PAGESPEED JOURNEY

#### Recap of the Nestify Pagespeed Method

Throughout this guide, we've taken a comprehensive journey through the Nestify Pagespeed Method. We started by understanding the foundational importance of website speed and delved into the nitty-gritty of optimizing JavaScript, optimizing images using advanced techniques, and ensuring that CSS is streamlined for optimal delivery.

At every step, we've focused on holistic optimization, ensuring that both the user experience and technical metrics are balanced and enhanced.

# The Ever-evolving World of Pagespeed Optimization

Pagespeed optimization isn't a 'set-it-and-forget-it' task. As the digital landscape evolves, so do the benchmarks and best practices for optimizing website speeds. Just as we moved from static websites to dynamic, interactive platforms, our understanding and techniques for ensuring optimal speed have transformed. And they will continue to do so.

This constant evolution means that staying up-to-date is

more crucial than ever. What works today may be obsolete tomorrow. Therefore, the journey you began with this e-book shouldn't end here.

#### Stay Ahead with Nestify

While this guide has equipped you with the core principles and techniques, the learning should continue. One of the best ways to stay ahead of the curve is by keeping an eye on emerging trends, new tools, and updated best practices.

We invite you to join the Nestify community. By subscribing to our newsletter, you'll receive timely updates, advanced techniques, and insights directly from experts in the field. Additionally, our dedicated blog is a treasure trove of valuable content. Make sure to bookmark nestify.io/blog/pagespeed/ and visit it regularly. Not only will it keep you informed, but it'll also provide actionable tips and insights to ensure your website remains at the pinnacle of performance.

#### **Final Thoughts**

As we conclude this e-book, remember: in the digital realm, speed isn't just about numbers or scores. It's about delivering value to your users, enhancing their experience, and ensuring that your message is heard, seen, and felt without delay. With

the Nestify Pagespeed Method in your toolkit and a commitment to continuous learning, you're well on your way to mastering this essential aspect of the digital experience.

Thank you for joining us on this journey, and here's to faster, smoother, and more efficient websites!

#### Pro Tip:

If you are unhappy with your Pagespeed optimization progress, create a free Nestify.io account and let our team migrate your site to a staging environment (at no cost).

This brand-new site will include every Pagespeed optimization we offer and will outperform your current hosting. That's our guarantee!

Try our Pagespeed optimized WordPress hosting for FREE at Nestify.io.

Copyright © 2023 by Nestify Internet, Inc.
All rights reserved. No part of this book may be used or reproduced in any form whatsoever without written permission except in the case of brief quotations in critical articles or reviews.
Written and printed in the United States of America.
For more information contact: <a href="mailto:pagespeed@nestify.io">pagespeed@nestify.io</a> <a href="https://nestify.io">https://nestify.io</a>