

Build Your Blazing Fast Site With Gatsby and WordPress



@muhsinlk



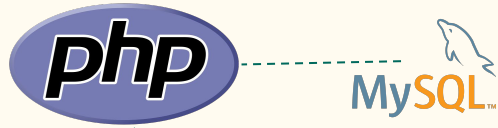
Muhammad Muhsin



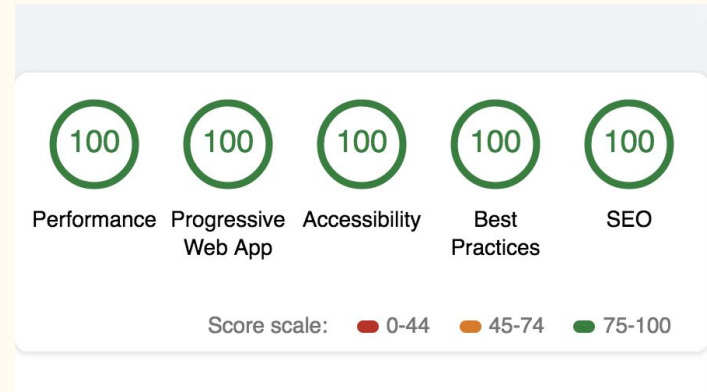


Why Gatsby?

—



Blazing Fast 🚀





Jason Bahl

@jasonbahl



"Help! my blazing fast @gatsbyjs site just got hacked"

- said no one, ever

♡ 55 2:27 AM - Feb 15, 2019



[See Jason Bahl's other Tweets](#)



Super secure 



Sam Bhagwat

Bay Area adoptee. Gatsby co-founder. Programmer, econ nerd, startup enthusiast

3 min read · June 21st 2018

Escalade Sports: From \$5000 to \$5/month in Hosting With Gatsby

Escalade Sports is a sports equipment company with a portfolio of 40 brands across a wide variety of sports—from Goalrilla basketball hoops to Bear Archery bows to Onix pickleball paddles.

<https://www.gatsbyjs.org/blog/2018-06-14-escalade-sports-from-5000-to-5-in-hosting/>

Very cheap

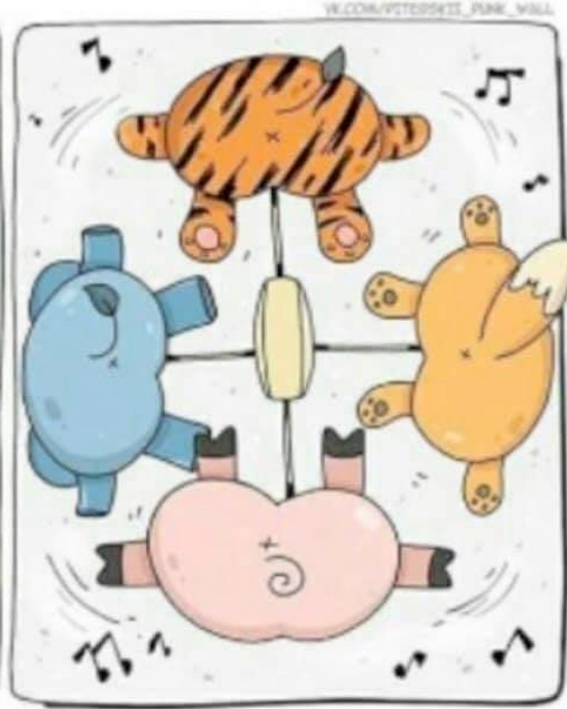


Except Gatsby has great UX too!

DEVELOPERS



USERS



Awesome Developer Experience (DX) 🛠️



Great Docs!

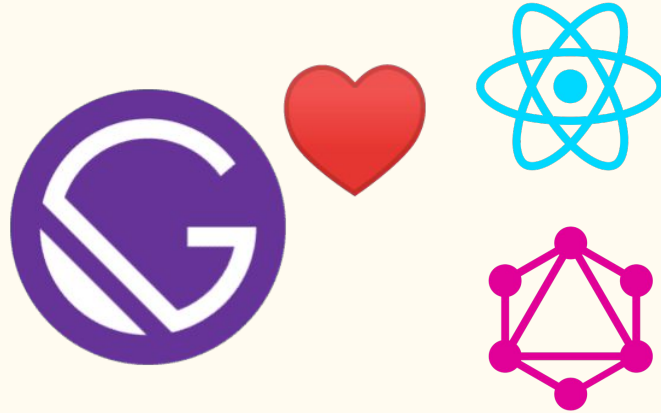
Awesome Tutorials!

Many first-timers!

Easy to get started 🚀

"Gatsby helped me get started with React & GraphQL"

<https://youtu.be/y73pFmTIR9Q>



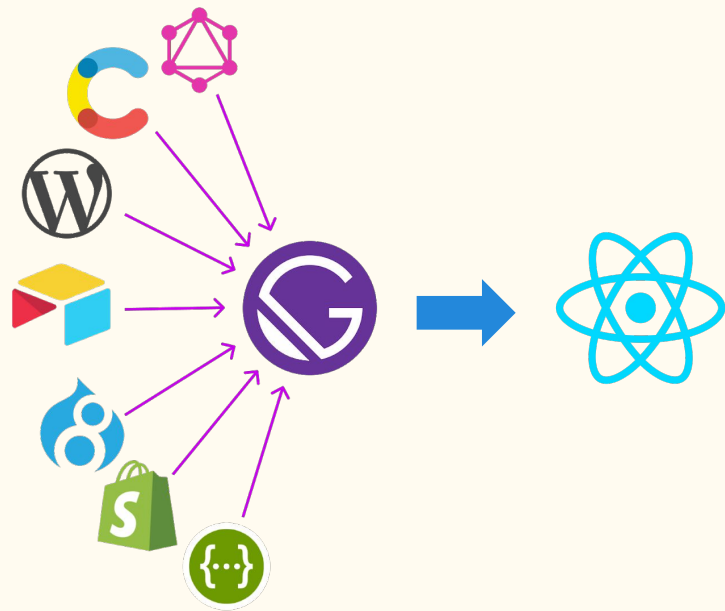
Learn React and GraphQL on the go 



So, what really is Gatsby?

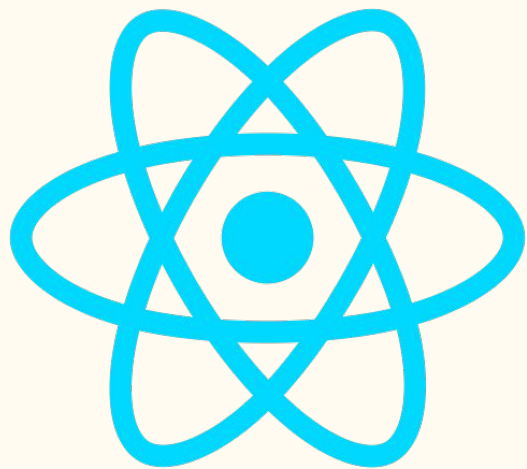
What Is Gatsby?

- A blazing fast React-based static site generator
- An application framework
- Connects to multiple APIs
- Build JAMstack sites
- Hydrates to a React app



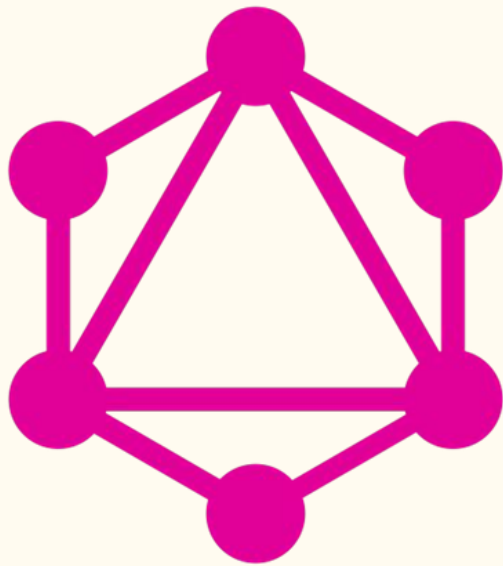
Why not Gatsby?

- Content not available immediately
- No incremental builds (yet) for WordPress



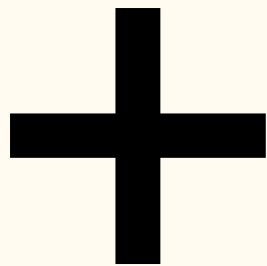
React

- Replaces the view layer of your application
- Declarative, Composable and Reusable Components
- Write HTML (JSX) within JavaScript
- Virtual DOM



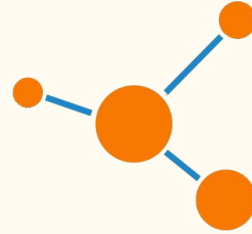
GraphQL

- Ask for what you need, get exactly that
- An alternative to REST API
- Single endpoint
- Get many resources in a single request
- Created by Facebook, now open source



2 Ways

1. Using WordPress REST API



2. Using WPGraphQL



1. Using WordPress REST API

- Install [gatsby-source-wordpress](#) plugin
- Fetches from WordPress REST API at build time
- Converts data to stitched GraphQL schema
- No extra WordPress plugins needed
- Can cause issues later on
- [WordPress Source Plugin Tutorial](#)

2. Using WPGraphQL

- Install [gatsby-source-graphql](#) plugin
- Fetches from GraphQL and stitches the schema
- Needs [WPGraphQL](#) plugin
- Faster
- More scalable



WPGraphQL

- Exposes WordPress data as GraphQL schema
- Open source project
- Created by [Jason Bahl](#)
- Install a WordPress plugin
- Has add-ons for ACF and more...

Starting a Gatsby Project

—



```
npm install --global gatsby-cli
```

```
gatsby new my-project
```

```
cd my-project
```

```
gatsby develop
```

Enter Gatsby Themes

—

Gatsby Themes

- Abstract away code into a separate package
- Let end user focus on content
- Use multiple themes on the same project
- Child theme support



Gatsby WP Themes

- Porting WordPress themes to Gatsby
- Initiated by [Zac Gordon](#)
- [Twenty Nineteen Gatsby Theme](#)
- [Tabor Gatsby Theme](#)
- Check out [GatsbyWPThemes.com](#)

Demo

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What we covered

- Gatsby
- WordPress + Gatsby
- gatsby-source-wordpress
- gatsby-source-graphql
- WPGraphQL
- Gatsby Themes

We are hiring!



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Next steps!

- [Gatsby and WordPress – best friends or foes?](#)
- [Tutorial on creating a Gatsby Theme based on Twenty Nineteen WordPress Theme](#)
- [Gatsby + WordPress with WPGraphQL \(with Jason Bahl\)](#)
[— Learn With Jason](#)
- Watch [Jason's talk](#) on Gatsby + WPGraphQL



```
let us = { ...kindness };
```

Thank you! 😊
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@muhsinlk

muhammad.muhsin@rtcamp.com

Credits - Image Sources

- Easy to get started
- What Is Gatsby?