

# Gatsby

Больше чем генератор сайтов

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**@freiksenet**

**Core Team at Gatsby Inc**

**graphql-tools, schema stitching, Apollo, Expo, Reindex**

**React Finland, GraphQL Finland**

# История Гатсби

- 2015 - первый релиз
- 2017 - v1, первый раунд финансирования
- 2018 - 1500 контрибьютеров
- 2019 - 25 человек в команде
- 2020 - контроль над миром (😺)

# Что такое Гатсби?



# Гатсби

фреймворк для создания быстрых веб  
приложений и сайтов

# Гатсби

- статический генератор
- на основе React
- выдает и JavaScript (но от этого все еще быстрее и лучше)
- множество плагинов для источников данных

# Зачем?

Краткая история веб приложений

# Эволюция веб приложений

- Серверные (Ruby on Rails, Django)
- Статические (jekyll)
- Клиент-рендереные (create-react-app)
- Сервер-пререндереные (next.js)



# Серверные

- 👍 быстрая первая загрузка
- 👍 SEO
- 👎 сложно хостить
- 👎 интерактивность

# Статические

- 👍 просто хостить
- 👍 быстрая первая загрузка
- 👍 SEO
- 👎 интерактивность

# Клиент рендереные

- 👍 просто хостить
- 👍 интерактивность
- 👎 медленная первая загрузка
- 👎 SEO

# Сервер пререндеренные

- 👍 интерактивность
- 👍 быстрая первая загрузка
- 👍 SEO
- 👎 СЛОЖНО ХОСТИТЬ

# Гатсби

Статически пререндеренные сайты

# Гатсби

- Статический HTML регидрируется на клиенте
- После загрузки первой страницы - быстрый клиентский роутинг
- Динамические элементы на статической странице

# Гатсби

- 👍 просто хостить
- 👍 быстрая первая загрузка
- 👍 SEO
- 👍 интерактивность

# Другие плюшки

- PWA, оффлайн режим
- Code-splitting
- Подзагрузка ссылок в видимой области





# Гатсби

Фреймворк для создания быстрых  
приложений по всем новейшим стандартам

# Источники данных

# Данные в Гатсби

- Добавляются из разных источников
- Общий интерфейс для запросов
- Страницы берут данные через GraphQL

```
{  
  site {  
    siteMetadata {  
      title  
    }  
  }  
}
```



# Source Plugins

Позволяют использовать данные из разных источников через один интерфейс

**gatsby-source-filesystem**

```
[
  {
    "name": "Mikhail Novikov",
    "email": "freiksenet@gmail.com",
    "avatar": "pictures/freiksenet.jpg"
  },
  // ...
]
```

```
{
  authorsJson(name: { eq: "Mikhail Novikov" }) {
    name
    email
    avatar {
      publicUrl
    }
  }
}
```



**gatsby-source-contentful**  
**gatsby-source-wordpress**  
**gatsby-source-shopify**

```
{
  contentfulPage(id: "some-id") {
    name
    title
    subtitle {
      subtitle
    }
    keyvisual {
      name
    }
  }
}
```



# Transformer Plugins

Изменяют и дополняют данные из других  
ИСТОЧНИКОВ

**gatsby-transformer-sharp**

```
{
  authorsJson(name: { eq: "Mikhail Novikov" }) {
    name
    email
    avatar {
      childImageSharp {
        fluid(maxWidth: 200) {
          tracedSVG
          srcSet
        }
      }
    }
  }
}
```

**gatsby-transformer-remark**

---

title: "PiterJS встречается Гатсби"

date: 2019-02-19

author: Mikhail Novikov

---

Текст

```
{
  allMarkdownRemark {
    edges {
      node {
        html
        headings {
          depth
          value
        }
        frontmatter {
          title
          date
        }
      }
    }
  }
}
```



# Комьюнити Гатсби



# Гатсби - опен-сорс проект

и это важно для нас

# Статистика

- 270000 недельных скачиваний в npm
- 1648 контрибьютеров
- 1252 в команде maintainers в Гитхабе
- 6212 замерженных PR



**gatsbybot** bot commented 3 hours ago



Holy buckets, — we just merged your PR to Gatsby! 🙌❤️

Gatsby is built by awesome people like you. Let us say “thanks” in two ways:

1. **We'd like to send you some Gatsby swag.** As a token of our appreciation, you can go to the [Gatsby Swag Store](#) and log in with your GitHub account to get a coupon code good for one free piece of swag. (Currently we've got a couple t-shirts available, plus some socks that are really razzing our berries right now.)
2. **We just invited you to join the Gatsby organization on GitHub.** This will add you to our team of maintainers. Accept the invite by visiting <https://github.com/orgs/gatsbyjs/invitation>. By joining the team, you'll be able to label issues, review pull requests, and merge approved pull requests.

If there's anything we can do to help, please don't hesitate to reach out to us: tweet at [@gatsbyjs](#) and we'll come a-runnin'.

Thanks again!

Logged in as @LekoArts [Log out](#)

Here you go!

Thanks for going the extra mile to help build Gatsby! 🎉 You have made 84 contributions!

Enter this discount code during checkout to claim your free swag!

Level 1 Swag Code  
Claimed! 🎉

Level 2 Swag Code  
HOLYBUCKETS

CLOSE SIDEBAR ✕

Get Gatsby Swag!

The money we charge for swag helps to cover production and shipping costs. In the unlikely event that Gatsby swag ends up turning a profit, we'll reinvest that money into the open source community.



Dark Deploy Tee

Natural process soft ink print with a black logo on a dark grey shirt.

USD \$10.00

[view details & buy →](#)



Vintage Purple Tee

Keep it simple with this vintage purple tee. This t-shirt is super soft and printed with a...

USD \$10.00

[view details & buy →](#)



Space Socks

Get your feet into these spaced-out black socks with a Gatsby purple border and heel. The...

USD \$10.00

[view details & buy →](#)



Gatsby Sticker Pack

This 6-pack of die-cut Gatsby stickers is a great way to show off how fast your websites a...

USD \$2.00

[view details & buy →](#)



This Purple Hat Is Blazing Fast

Add more blazingly blazing speed to your wardrobe with this solid purple laundered chino t...

USD \$10.00

[view details & buy →](#)



Monogram Trucker Hat

Dark grey and black, mesh, 6-panel trucker hat with snapback closure. Made of 100% polyest...

USD \$10.00

[view details & buy →](#)



All Purple Everything Hoodie (Vertical Logo)



Gatsby Lapel Pin

Show us how you rock your custom



Mug for (Blazing) Hot Beverages



Freelance Pants

For the work-from-home

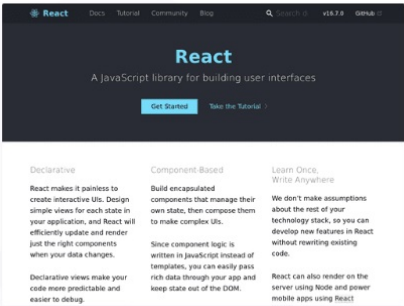


JAMstack Jammies

Be the life of your own comfy party

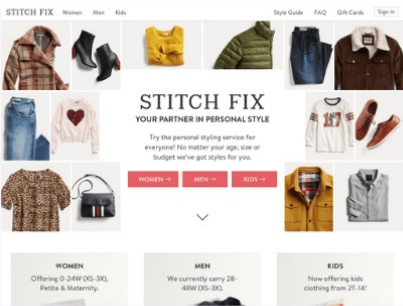


All Purple Everything Full-Zip Hoodie



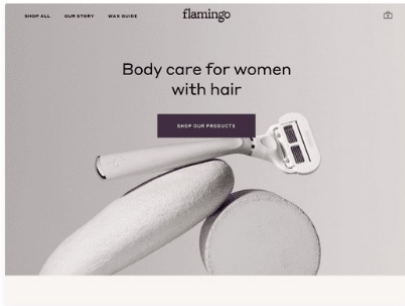
ReactJS

Web Development, Featured



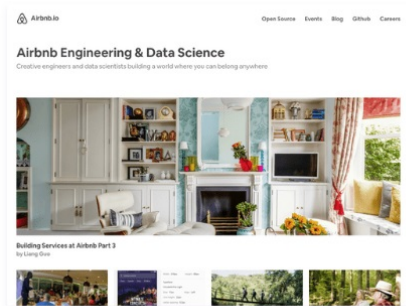
Stitch Fix

eCommerce, Fashion, Featured



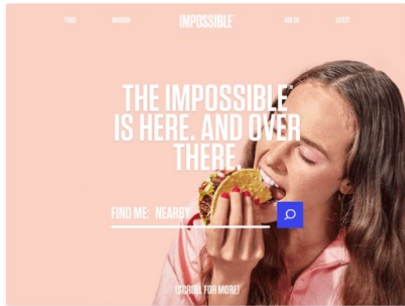
Flamingo

eCommerce, Beauty, Featured



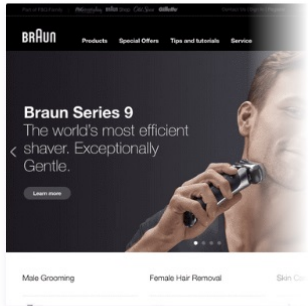
Airbnb Engineering & Data Science

Blog, Gallery, Featured



Impossible Foods

Food, Featured



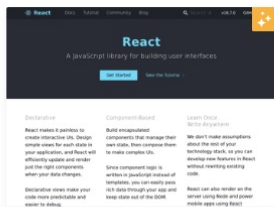
Braun

eCommerce, Featured

CATEGORY

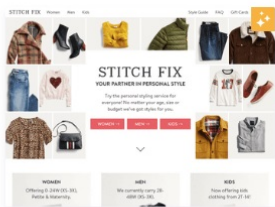
- AI 3
- API 10
- Advertising 1
- Agency 25
- App 7
- Art 1
- Asset Sharing 1
- B2B Services 2
- Bank 2
- Banking 1
- Beauty 1
- Beverage 1
- Blockchain 4
- Blog 91
- Bot 2
- Brewery 1

Sites (380)



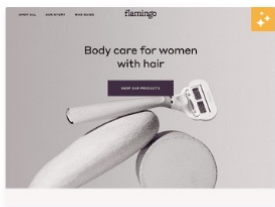
ReactJS

Web Development, Featured



Stitch Fix

eCommerce, Fashion, Featured



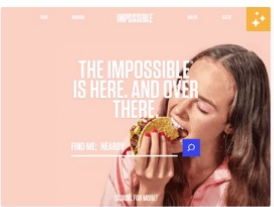
Flamingo

eCommerce, Beauty, Featured



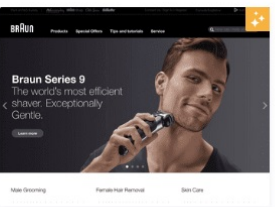
Airbnb Engineering & Data Science

Blog, Gallery, Featured



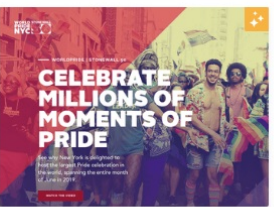
Impossible Foods

Food, Featured



Braun

eCommerce, Featured



NYC Pride 2019 | WorldPride NYC | Stonewall50

Education, Marketing, Nonprofit, Featured



Reset all Filters

95 Gatsby Starters (filtered)

Search starters

Submit a Starter

GATSBY VERSION

2

95

CATEGORIES

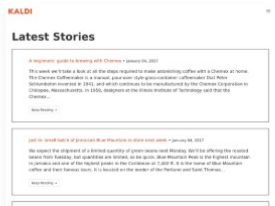
- Antd 1
- Blog 27
- CSV 1
- Charts 1
- Client-side App 3
- Contentful 6
- Cosmic JS 2
- DatoCMS 1
- Disqus 3
- Firebase 3
- Formik 1
- Ghost 2

GATSBY DEPENDENCIES

- @gatsby-contrib/gatsby-plugin-elasticlunr-search 1
- @tryghost/helpers-gatsby 1
- babel-preset-gatsby 2
- eslint-config-gatsby-standard 1
- gatsby 95
- \*-awesome-pagination 2
- \*-image 45
- \*-mdx 5
- \*-paginate 1
- \*-pagination 2
- \*-plugin-algolia 1



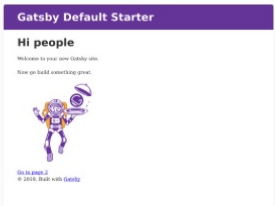
gatsbyjs / **gatsby-starter-blog**  
A starter for a blog powered by Gats...  
Updated 9.1.2019



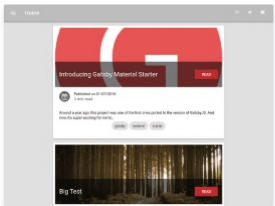
netlify-templates / **gatsby-starter-netlify-cms**  
Example Gatsby, and Netlify CMS p...  
Updated 9.1.2019



Vagr9K / **gatsby-advanced-starter**  
GatsbyJS starter that includes examp...  
Updated 8.1.2019



gatsbyjs / **gatsby-starter-default**  
A simple starter to get up and develo...  
Updated 9.1.2019



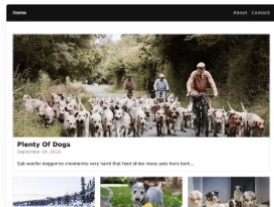
Vagr9K / **gatsby-material-starter**  
GatsbyJS Material Blog theme.  
Updated 9.1.2019



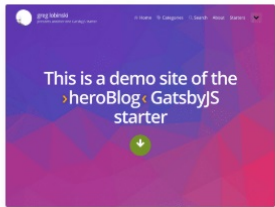
LekoArts / **gatsby-starter-portfolio-cara**  
Gatsby Starter Portfolio Cara  
Updated 9.1.2019



fabien0102 / **gatsby-starter**  
Gatsby 1.0 starter  
Updated 6.1.2019



ryanwiemer / **gatsby-starter-gcn**  
A starter template to build amazing st...  
Updated 8.1.2019



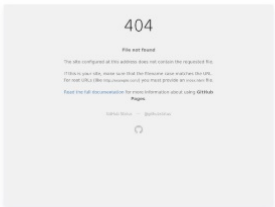
greglobinski / **gatsby-starter-hero-blog**  
No description  
Updated 9.1.2019



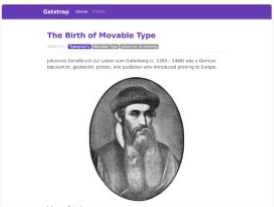
fabe / **gatsby-starter-deck**  
Create presentations using Gatsby, R...  
Updated 9.1.2019



GatsbyCentral / **gatsby-starter-wordpress**  
Gatsby v2 starter for WordPress  
Updated 9.1.2019



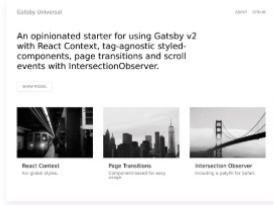
haysclark / **gatsby-starter-casper**  
GatsbyJS starter that themed with the...  
Updated 9.1.2019



jaxx2104 / **gatsby-starter-bootstrap**  
Simple starter for Gatsby  
Updated 9.1.2019



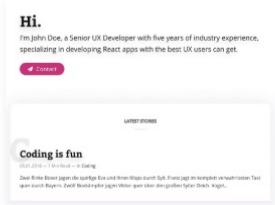
calpa / **gatsby-starter-calpa-blog**  
Calpa's Blog  
Updated 7.1.2019



fabe / **gatsby-universal**  
No description  
Updated 9.1.2019



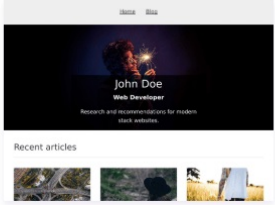
the-road-to-react-with-firebase / **react-gatsby-firebase-authentication**  
Gatsby full stack starter  
Updated 9.1.2019



LekoArts / **gatsby-starter-minimal-blog**  
Gatsby Starter - Minimal Blog  
Updated 9.1.2019



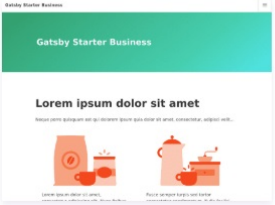
codebushi / **gatsby-starter-dimension**  
Gatsby Starter - Dimension V2  
Updated 7.1.2019



contentful-userland / **gatsby-contentful-starter**  
Starter Contentful Gatsby Blog  
Updated 7.1.2019



DSchau / **gatsby-blog-starter-kit**  
Gatsby blog starter example  
Updated 26.12.2018



v4iv / **gatsby-starter-business**  
Gatsby Business Website Starter  
Updated 8.1.2019

616 results

|  |  |
|--|--|
| <b>gatsby-plugin-react-helmet</b>  | 273.3k    |
| Manage document head data with react-helmet. Provides drop-in server rendering support for Gatsby. |  |
| <b>gatsby-plugin-sharp</b>   | 248.4k    |
| Wrapper of the Sharp image manipulation library for Gatsby plugins                                 |  |
| <b>gatsby-source-filesystem</b>  | 244.7k    |
| Gatsby plugin which parses files within a directory for further parsing by other plugins           |  |
| <b>gatsby-image</b>  | 172.3k    |
| Lazy-loading React image component with optional support for the blur-up effect.                   |  |
| <b>gatsby-transformer-sharp</b>  | 167.6k  |
| Gatsby transformer plugin for images using Sharp   |  |
| <b>gatsby-plugin-offline</b>   | 167.2k  |
| Gatsby plugin which sets up a site to be able to run offline                                       |  |
| <b>gatsby-plugin-manifest</b>  | 162k    |
| Gatsby plugin which adds a manifest.webmanifest to make sites progressive web apps                 |  |
| <b>gatsby-plugin-page-creator</b>  | 293.1k  |
| Gatsby plugin that automatically creates pages from React components in specified directories      |  |
| <b>gatsby-transformer-remark</b>   | 192.9k  |
| Gatsby transformer plugin for Markdown using the Remark library and ecosystem                      |  |



## Welcome to the Gatsby Plugin Library!

Please use the search bar to find plugins that will make your blazing fast site even more awesome. If you'd like to create your own plugin, see the [Plugin Authoring](#) page in the docs! To learn more about Gatsby plugins, visit the [plugins doc page](#).





# Переходите на Гатсби!

(с нас носки)





# React Finland 2019

react-finland.fi

**24-26.4.2019 в Хельсинки**

**10% скидка по коду "PITERJS"**

# Спасибо

Mikhail Novikov - @freiksenet - freiksenet@gmail.com