

# Deploying to Render

Render is a fully-managed cloud platform where you can host static sites, backend APIs, databases, cron jobs, and all your other apps in one place.

Static sites are **completely free** on Render and include the following features:

- Continuous, automatic builds & deploys from GitHub.
- Automatic SSL certificates through Let's Encrypt.
- Instant cache invalidation with a lightning fast, global CDN.
- Unlimited collaborators.
- Unlimited custom domains.
- Automatic Brotli compression for faster sites.
- Native HTTP/2 support.
- Pull Request Previews.
- Automatic HTTP → HTTPS redirects.
- Custom URL redirects and rewrites.

## Prerequisites

This guide assumes you already have a Gatsby project to deploy. If you need a project, use the Quick Start or fork Render's Gatsby Starter before continuing.

## Setup

You can set up a Gatsby site on Render in two quick steps:

1. Create a new **Static Site** on Render, and give Render permission to access your GitHub repo.
2. Use the following values during creation:

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<b>Build Command</b>	<code>gatsby build</code> (or your own build command)
<b>Publish Directory</b>	<code>public</code> (or your own output directory)

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That's it! Your site will be live on your Render URL (which looks like `yoursite.onrender.com`) as soon as the build is done.

## Continuous deploys

Now that Render is connected to your repo, it will **automatically build and publish your site** any time you push to GitHub.

You can choose to disable auto deploys under the **Settings** section for your site and deploy it manually from the Render dashboard.

## Render CDN and cache invalidation

Render hosts your site on a global, lightning fast CDN which ensures the fastest possible download times for all your users across the globe.

Every deploy automatically and instantly invalidates the CDN cache, so your users can always access the latest content on your site.

## Custom domains

Add your own domains to your site easily using Render's custom domains guide.

## Pull Request Previews

With Pull Request (PR) previews, you can visualize changes introduced in a pull request instead of simply relying on code reviews.

Once enabled, every PR for your site will automatically generate a new static site based on the code in the PR. It will have its own URL, and it will be deleted automatically when the PR is closed.

Read more about Pull Request Previews on Render.

## Support

Chat with Render developers at <https://render.com/chat> or email [support@render.com](mailto:support@render.com) if you need help.