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# GoDaddy Domain with GitHub Pages

Github provides [docs](#) to wire up your domain with your gh-pages, but I'm going to cover the set up in 7 simple steps.

1. First, the most difficult part...decide on a domain name.
2. On the home page of your account the in Domain Manager “Menu Domains” Go to all domains and select Use My Domains in Next Steps Columns

Domains ▲ Buy & Sell ▼

All Domains

The screenshot shows the GoDaddy Domain Manager interface. At the top, there's a green header with the GoDaddy logo and navigation links: Domains, Buy & Sell, DNS, Settings, and Help. Below this, the main section is titled "My Domains" and includes a search bar. A table lists domains with columns for Domains, Next Steps, Auto-Renewal, and Privacy.

Domains	Next Steps	Auto-Renewal	Privacy
<b>gramabharathi.in</b> Expires on 2028-11-18	...	<input type="checkbox"/> Off	Not available <a href="#">Update contact info</a>
<b>suryakalaguptha.com</b> Expires on 2023-11-18	<a href="#">Use my domain</a>	<input type="checkbox"/> Off	Protect my info <a href="#">Buy for ₹99.00/yr</a>

3. Within the DNS management page you will need to make five changes:



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- In the CNAME row with Name “www” input your gh-pages website (*username.github.io*)
- At the bottom click the “ADD” button and make 3 more Type “A” rows with the IP addresses of: 185.199.109.153, 185.199.110.153, 185.199.111.153 (*don't worry when you leave the page it will alphabetize the types*)

## Records

Last updated 19-01-01 7:18 AM

Type	Name	Value	TTL	
A	@	185.199.110.153	600 seconds	
CNAME	www	gramabharathi.github.io	1 Hour	
CNAME	_domainconnect	_domainconnect.gd.domaincontrol.com	1 Hour	
NS	@	ns61.domaincontrol.com	1 Hour	
NS	@	ns62.domaincontrol.com	1 Hour	
SOA	@	Primary nameserver: ns61.domaincontrol.com.	1 Hour	
A	@	185.199.109.153	1 Hour	
A	@	185.199.111.153	1 Hour	
A	@	185.199.108.153	1 Hour	

[ADD](#)

4. Go to your editor and in the repository of your website create a new file named “CNAME” in the root of your directory.





5. In the “CNAME” file add your domain name purchased from GoDaddy.

6. Add, commit, and push your changes to Github.

7. Within your repository you will need to allow your website to be served through HTTPS. Check “Enforce HTTPS” in the Settings tab of your repo. This permission might take awhile because the certificate needs to be issued, but make sure you check this enforcement option when allowed.



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GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

✓ Your site is published at <http://gramabharathi.in/>

### Source

Your GitHub Pages site is currently being built from the master branch. [Learn more.](#)

master branch ▾

Save

User pages must be built from the master branch.

### Theme Chooser

Select a theme to publish your site with a Jekyll theme. [Learn more.](#)

Your site is currently using the Minima theme.

Change theme

### Custom domain

Custom domains allow you to serve your site from a domain other than `gramabharathi.github.io`. [Learn more.](#)

gramabharathi.in

Save

### ☐ Enforce HTTPS

HTTPS provides a layer of encryption that prevents others from snooping on or tampering with traffic to your site.

When HTTPS is enforced, your site will only be served over HTTPS. [Learn more.](#)

You can confirm that your DNS is set-up correctly by using the `dig` command in your terminal with your custom domain. You should see that your “A” Types point to the IP addresses that you had specified in GoDaddy’s DNS management page, in other words you’re pointing your DNS to GitHub’s server. Below is an example of the `dig` command:

```
dig gramabharathi.in
```



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```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 33853
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;gramabharathi.in.                IN      A

;; ANSWER SECTION:
gramabharathi.in.      0      IN      A      185.199.108.153
gramabharathi.in.      0      IN      A      185.199.110.153
gramabharathi.in.      0      IN      A      185.199.109.153
gramabharathi.in.      0      IN      A      185.199.111.153

;; Query time: 29 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Tue Jan 01 09:07:46 IST 2019
;; MSG SIZE rcvd: 109
```

If you're encountering any problems, this [GitHub Troubleshooting Custom Domains](#) documentation is a good reference.

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