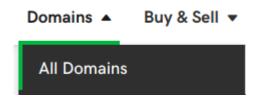
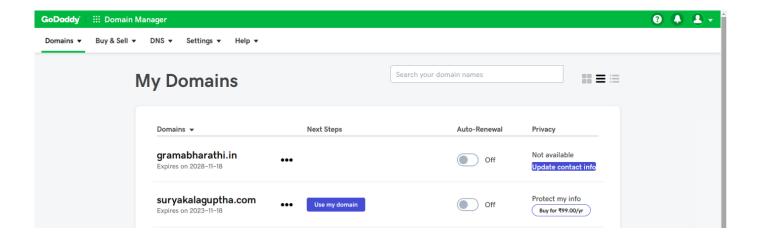


## **GoDaddy Domain with GitHub Pages**

Github provides <u>docs</u> to wire up your domain with your gh-pages, but I'm going to cover the set up in 7simple 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 Colums





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

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Last u	ıpuai	Leu I	7		$\cup$	/ . 1	0	PAIVI

Туре	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

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







ADD



- 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.

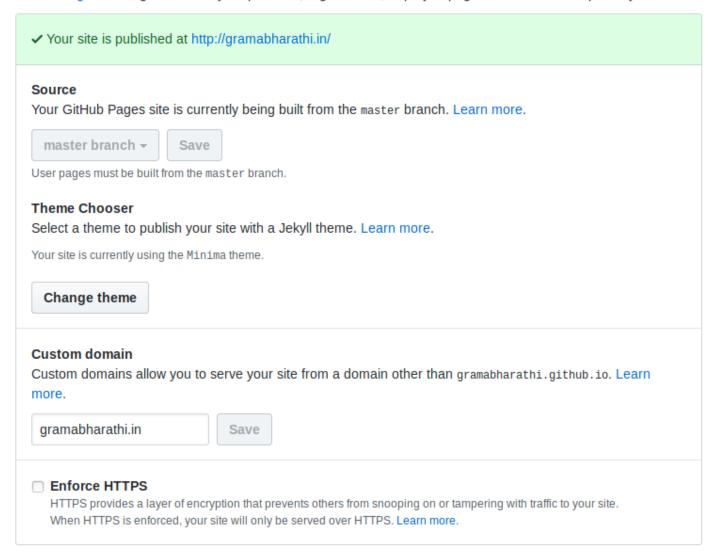




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GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.



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
                                         Α
;; ANSWER SECTION:
gramabharathi.in.
                                                 185.199.108.153
                                 IN
gramabharathi.in.
                                 ΙN
                        0
                                         Α
                                                 185.199.110.153
gramabharathi.in.
                                 ΙN
                        0
                                                 185.199.109.153
                                         Α
gramabharathi.in.
                                 IN
                                                 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 <u>GitHub Troubleshooting Custom Domains</u> documentation is a good reference.

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