

HOW A WEBSITE GOES LIVE

Domain, hosting and deployment: the three things between your code and the world.

Piece	Think of it as	Job
Domain	The address	The name people type (example.com)
Hosting	The plot of land	A computer that is always on and serves your files
DNS	The phonebook	Connects the domain name to the host's IP address

GOING LIVE, STEP BY STEP

1. **Build** your site (HTML/CSS/JS or a framework).
2. **Deploy**: upload it to a host, or connect your GitHub repo so it updates on every push.
3. **Connect the domain**: point its DNS records to your host.
4. **HTTPS**: hosts usually add the secure certificate for you.
5. **Test** on your phone, and check it loads fast.

STATIC VS DYNAMIC

Static site	Dynamic site
Ready-made files (HTML, CSS, JS). Easy and cheap to host.	Needs a backend and database. Hosts a running server.

TRY IT YOURSELF

- Put a simple HTML page in a GitHub repo and publish it with GitHub Pages.
- Or use a host that deploys straight from GitHub. Many offer free plans for small projects.
- Open the live link on your phone.



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