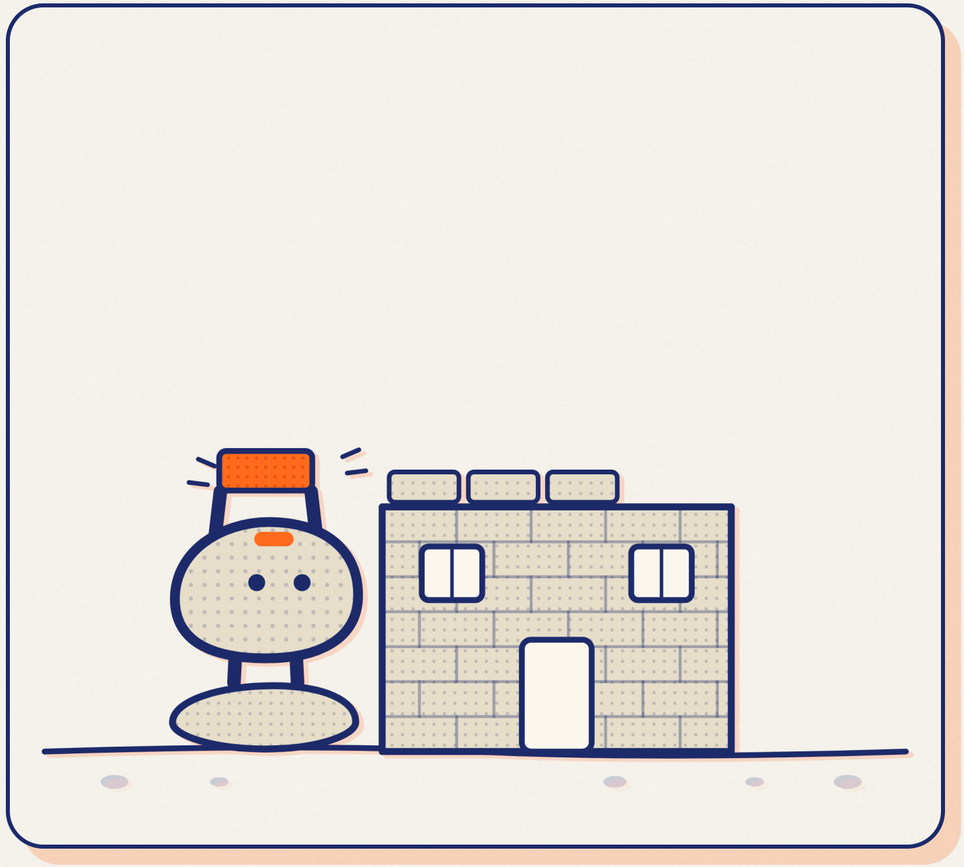
A BUILD-ALONG WORKSHOP 3 HOURS

Portfolio in a Day

and better every day after.

Build a personal site you will still be improving a year from now — from a one-page idea to your own domain, in one session.

Claude · Claude Code · GitHub · a web framework · Cloudflare



SANKET TAMBARE · SANKETTAMBARE.IN

PRESS → TO BEGIN · N FOR NOTES · F FOR FULL SCREEN

00 · WELCOME 0:01

Hi, I'm Sanket

Software engineer **Marathoner** **Writer**

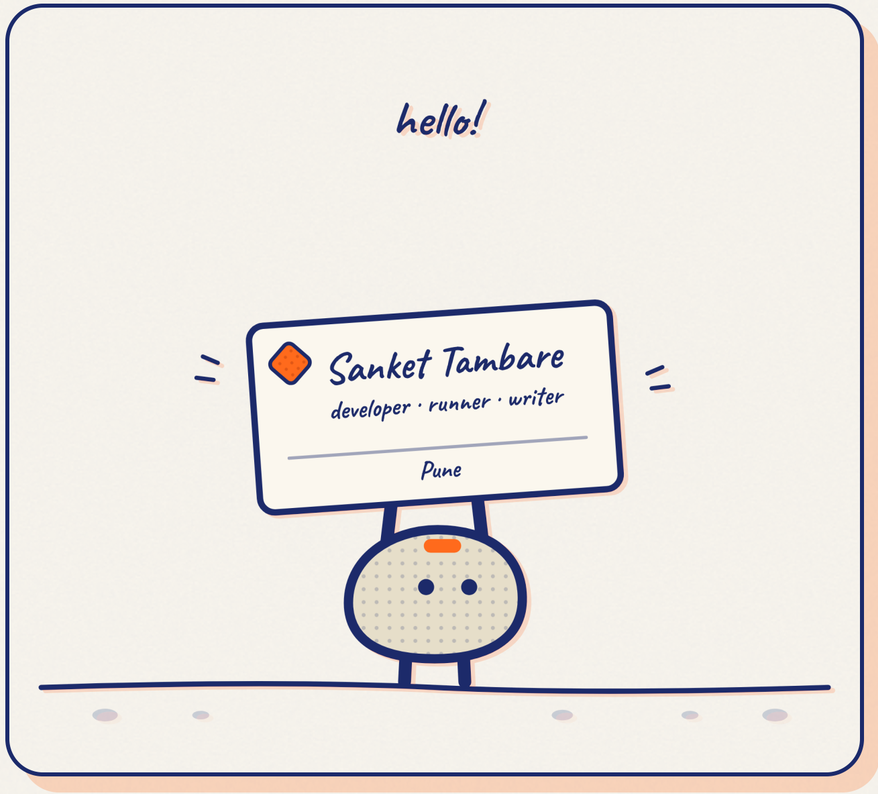
WORK
Bridgenext, Pune
full-stack · data · DORA metrics

RUN
10K → 50K ultra
and the Sahyadri forts

WRITE
English + मराठी
essays · newsletter · podcast

BUILD
Sites for causes
NGOs · a birding marathon · data stories

`sankettambare.in · card.sankettambare.in`



00 · WELCOME 0:02

Before we begin

The next three hours, in ninety seconds.

- What we'll build
- The five steps
- What to bring
- What you take home

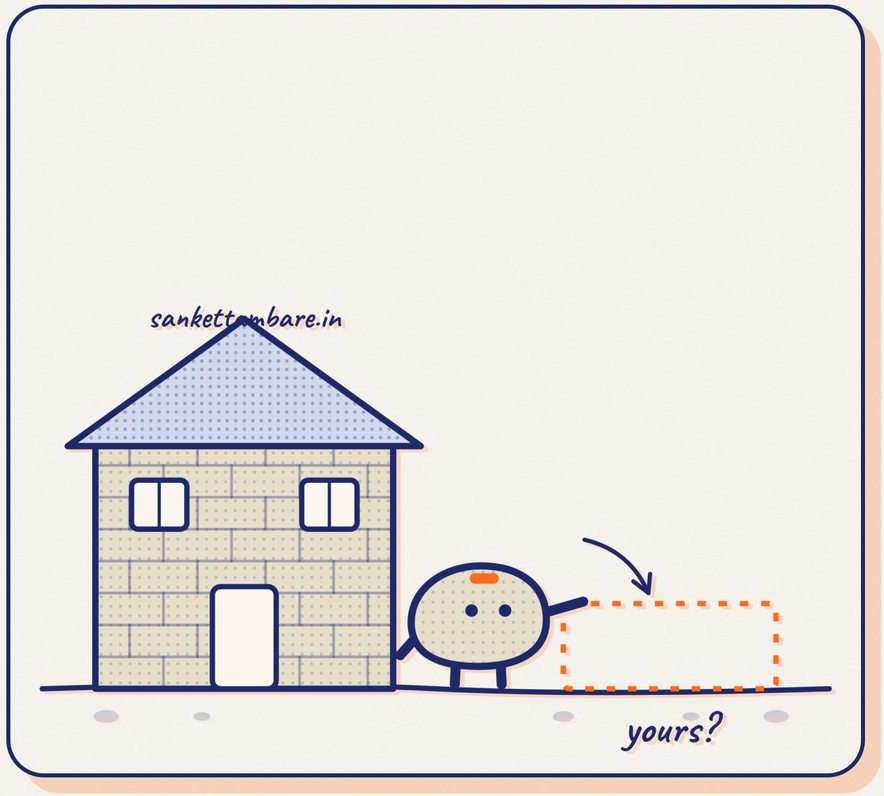


00 · WELCOME 0:03

Why this workshop

“I want one of these.”

- **Building is cheap now** — AI writes the code
- **Keeping it alive isn't** — most sites are never touched again
- **You already have the skill** — scope, phase, cut, check

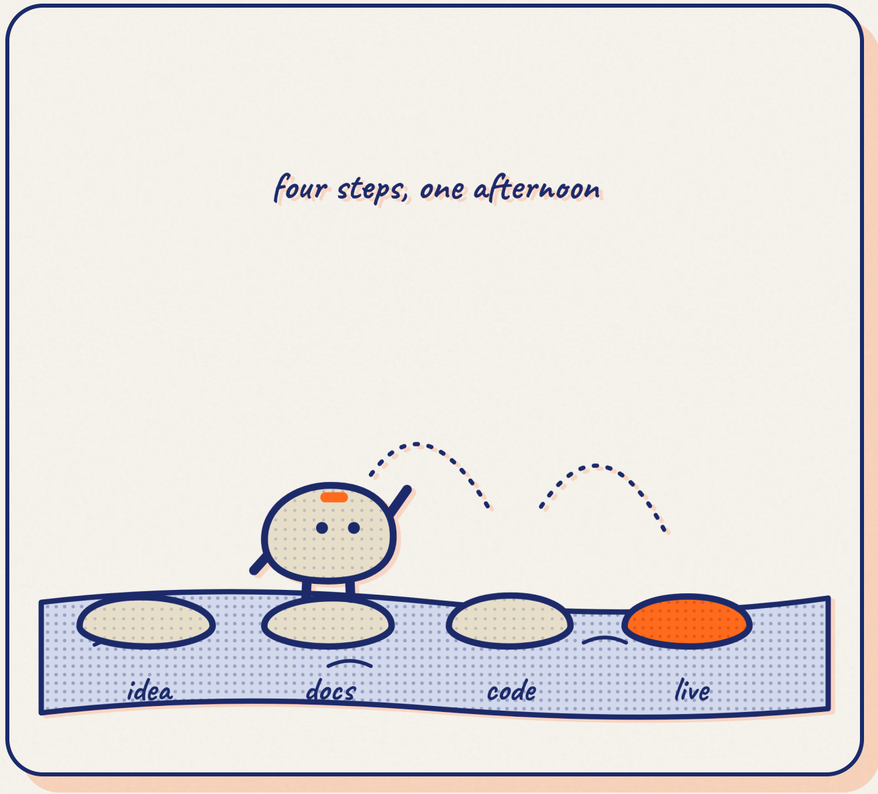


00 · WELCOME 0:05

What we'll learn today

1. Shape an idea with Claude
2. Choose a stack you own
3. Keep content apart from code
4. Build in phases with Claude Code
5. Ship to your own domain
6. Keep it growing

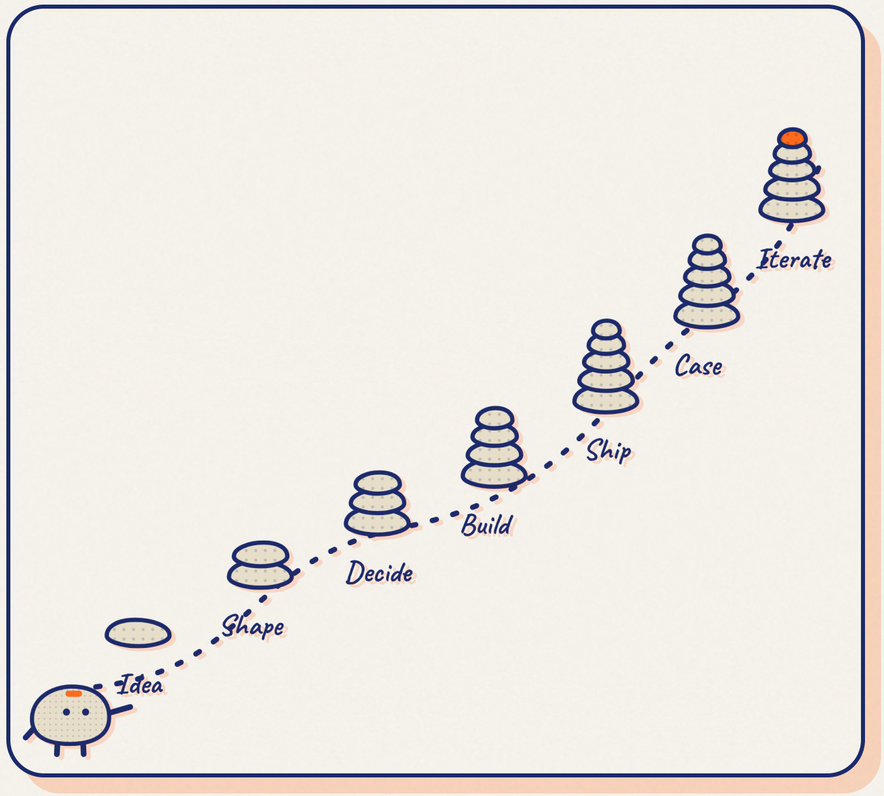
✓ YOU SHOULD NOW HAVE by 3:00 — a live URL, a repo, three docs, the prompt pack.



01 · THE IDEA 0:07

The three hours

0:00	**Welcome**
0:08	**Idea** — why own the stack
0:20	**Shape** — idea → interview → research → docs
1:05	**Decide** — framework + host
1:20	*Break — 10 minutes*
1:30	**Build** — repo, phases, audits
2:20	**Ship** — GitHub → Cloudflare → domain
2:38	**Case study** + featured projects
2:52	**Iterate** · feedback · thanks



01 · THE IDEA 0:08

Sandcastles and houses

APP BUILDERS

Sandcastle

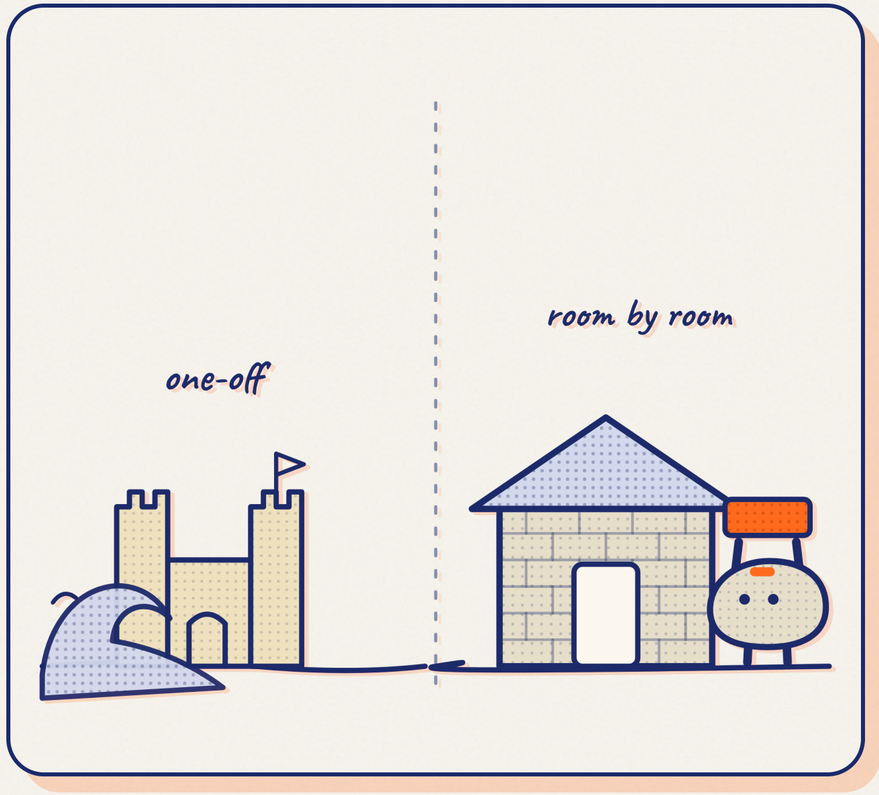
Fast. Pretty. Gone with the tide.

YOUR OWN STACK

House

Built a room at a time. Yours to extend.

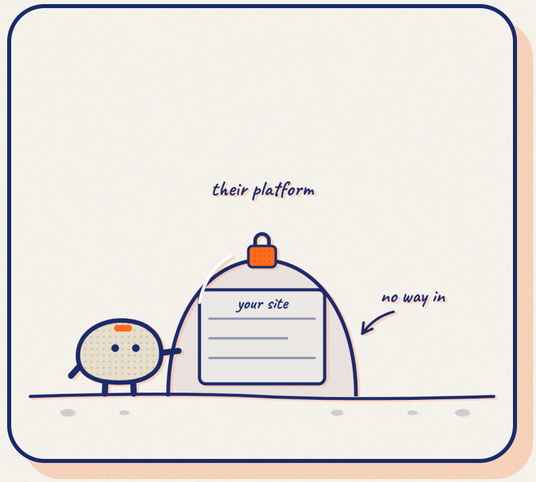
Not “can I build it today?”
“Will I improve it tomorrow?”



01 · THE IDEA 0:10

The iteration test

	APP BUILDER	YOUR OWN STACK
The code	In their platform	Your GitHub repo
The content	Mixed into the code	Plain files
Change one word	Prompt and hope	Edit, push, live
The history	A chat log	Every version
The cost	A monthly plan	Free tiers



IN PLAIN WORDS **Repo** a project folder with its full history · **changelog** a list of every change

The stack: four parts

THE BUILDER

Claude Code

Writes, runs and checks the code.

THE MEMORY

GitHub

Every version saved. A push triggers a deploy.

THE SHAPE

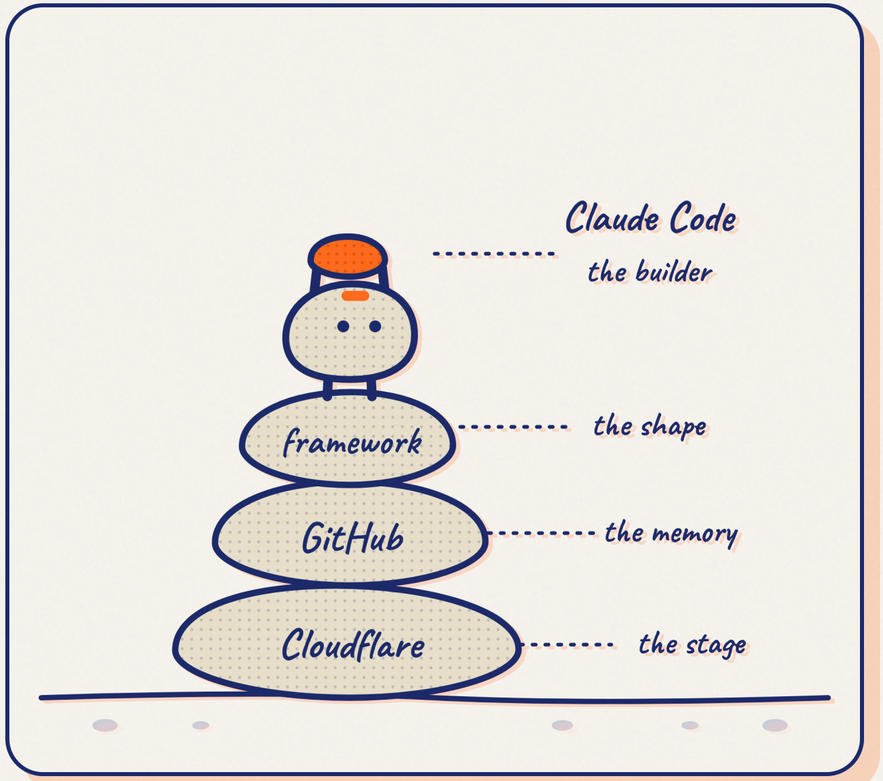
A framework

Pages and rules an AI already knows.

THE STAGE

Cloudflare

Hosting, domain and SSL in one place.



IN PLAIN WORDS **Framework** a starter kit for pages · **Cloudflare** the servers that show your site

01 · THE IDEA 0:14

“Scalable” means it compounds

The 100th change costs no more than the first.

31

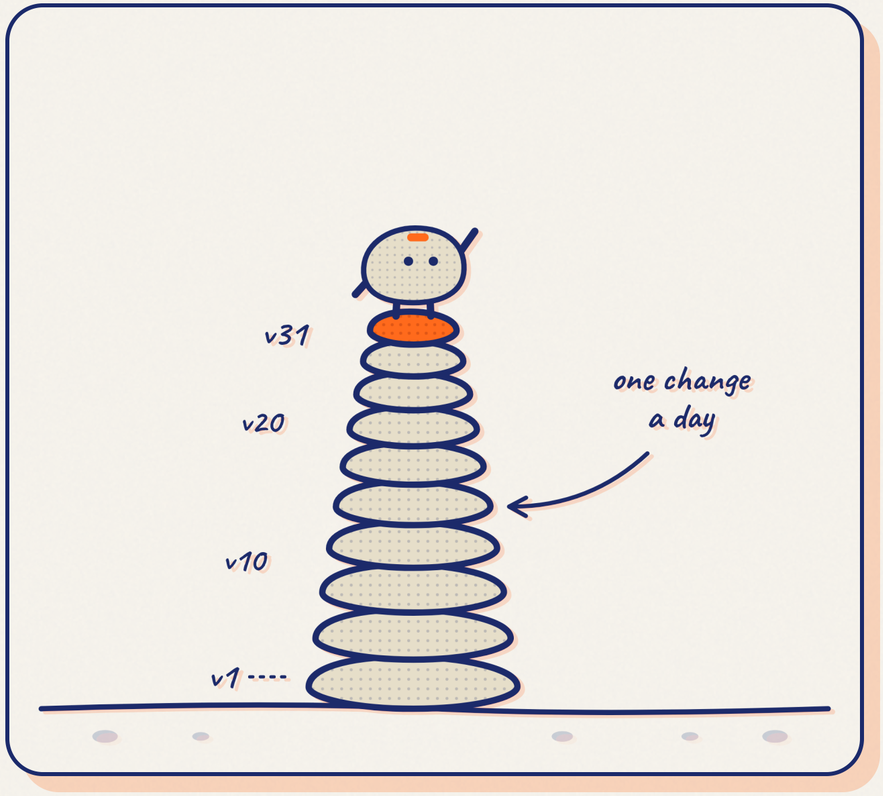
major versions of sankettambare.in

43

pages, each with a share card

1

small change a day



IN PLAIN WORDS **Major version** a new page or a redesign

01 · THE IDEA 0:16

Before you start

Accounts

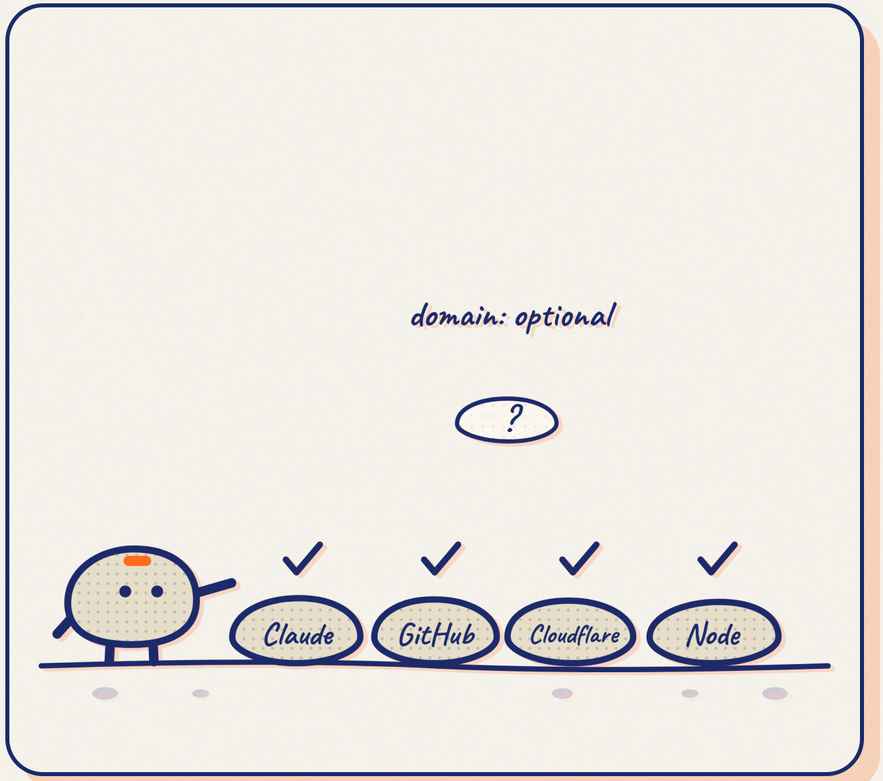
- **Claude** — a paid plan
- **GitHub** — a simple free account
- **Cloudflare** — free plan
- **Domain** — optional

On your laptop

- **Claude Code**
- **Node.js**, **Git** — optional: Claude can install them
- **An editor** — optional

MUST HAVE

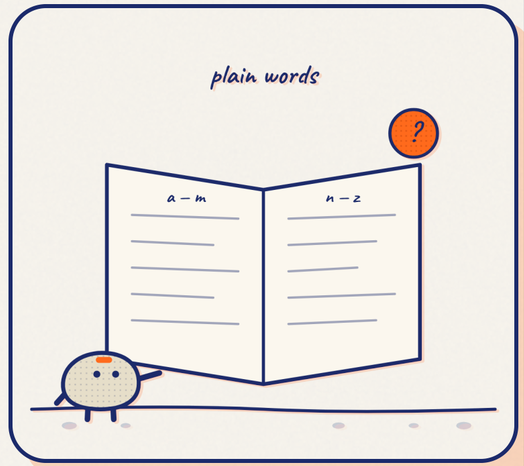
A folder of your stuff — bio, photo, CV, project links



IN PLAIN WORDS **Terminal** where you type commands · **Node.js** the engine for website tools

Words we'll use today

Tap any dotted word later for its meaning.



Repository (repo)
A project folder that remembers every version of every file — like a Google Doc's version history, for a whole folder.

Commit
A saved checkpoint with a short note saying what changed.

Push
Upload your saved checkpoints from your laptop to GitHub.

Branch
A safe copy of the project to try a change without touching the live site.

Framework
A starter kit with rules for building pages, so you don't start from a blank file. Astro is one.

Build
Turning your source files into the finished website files.

Deploy
Putting the built website on the internet for everyone.

Host / hosting
The computers that send your site to each visitor — like renting shop space.

Domain
Your site's name, like yourname.com.

DNS
The internet's phonebook: it turns a name like yourname.com into the address of a computer.

SSL / HTTPS
The padlock in the address bar: traffic between visitor and site is encrypted.

Context
How much of the conversation Claude can keep in mind at once. Long chats crowd it out.

Plan mode
Claude writes a plan and waits for your OK before it changes any file.

CLAUDE.md
A short note in your project that Claude reads at the start of every session — its onboarding doc.

Markdown
Plain text where # makes a heading and - makes a bullet. Easy for people and AI to read.

SEO
Search engine optimisation: helping Google and AI search find and show your pages.

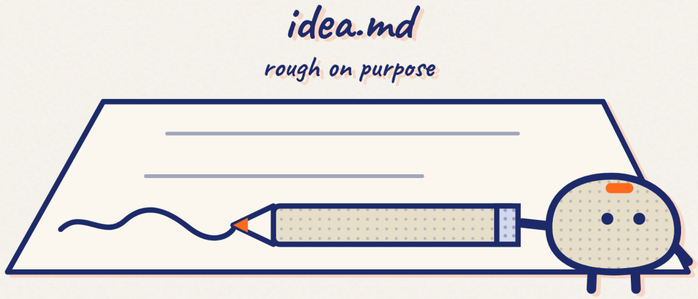
02 · SHAPE 0:20 · EXERCISE, 10 MIN

Write idea.md

What is your core idea? One page, your own words — before any AI.

```
# idea.md
Who is it for?
What should they do?
Three things it must do
What I already have
What it must never be
Time I'll give it
```

✓ YOU SHOULD NOW HAVE **idea.md saved.**



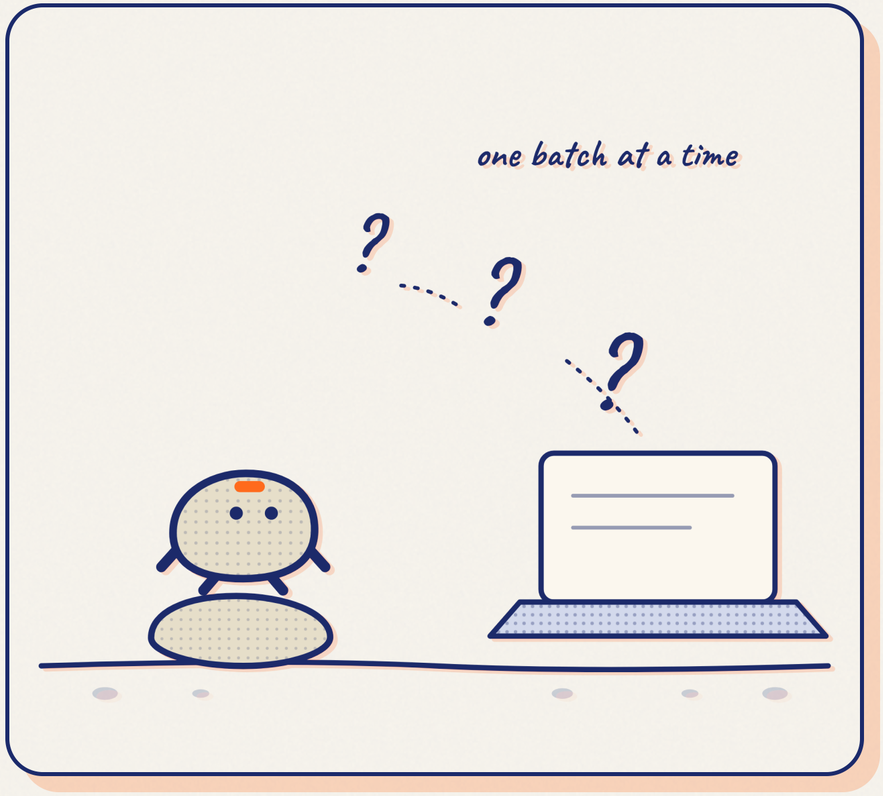
02 · SHAPE 0:30 · CLAUDE CHAT

Let Claude interview you

PROMPT 01 · CLAUDE CHAT FULL PROMPT ↗

```
Here is idea.md. Before writing anything,
interview me — at most 5 questions at a time —
until you can write concept.md without
guessing.
```

Tip: start a Claude Project for your site.



IN PLAIN WORDS **Claude Project** one folder for a topic's chats and files

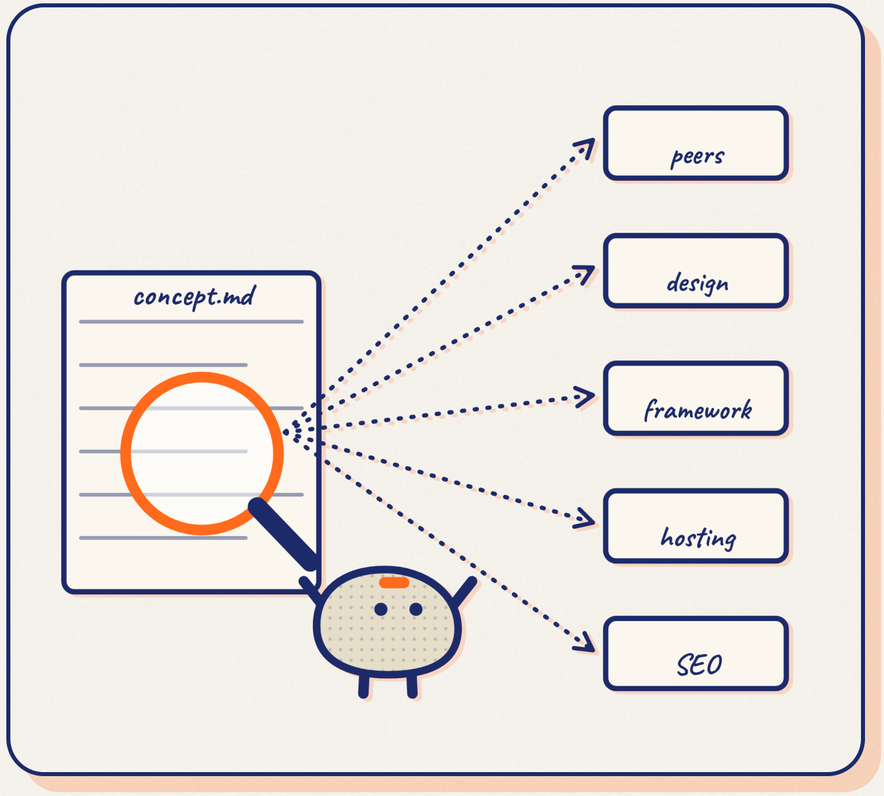
02 · SHAPE 0:40 · RESEARCH ON

Deep research, one topic at a time

PROMPT 02 · CLAUDE CHAT, RESEARCH ON FULL PROMPT ↗

```
Using concept.md, research each separately:
peer sites · design · frameworks · hosting ·
SEO. Cite every claim with a link.
```

Turn on Research in the chat's tools menu.



IN PLAIN WORDS **Research** Claude reads many pages and writes a cited report

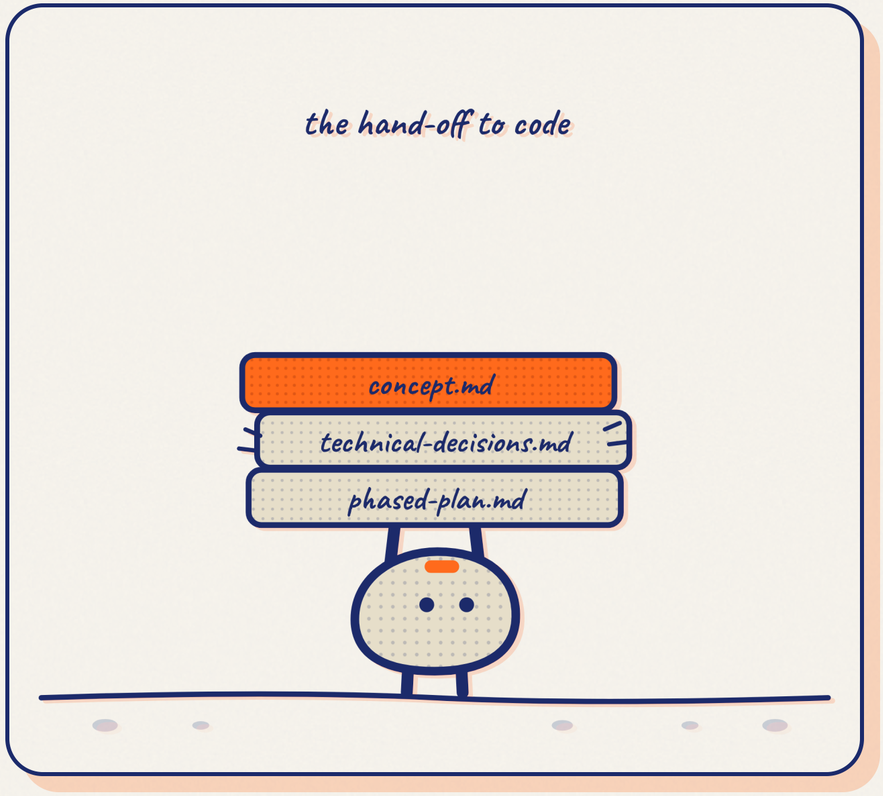
02 · SHAPE 0:50

Three documents out

WHY + WHAT	HOW	WHEN
concept	**decisions**	**plan**

PROMPT 03 · CLAUDE CHAT — FULL PROMPT ↗

From concept.md and the research, write **concept.md**, **technical-decisions.md** and **phased-plan.md**. Keep each short.



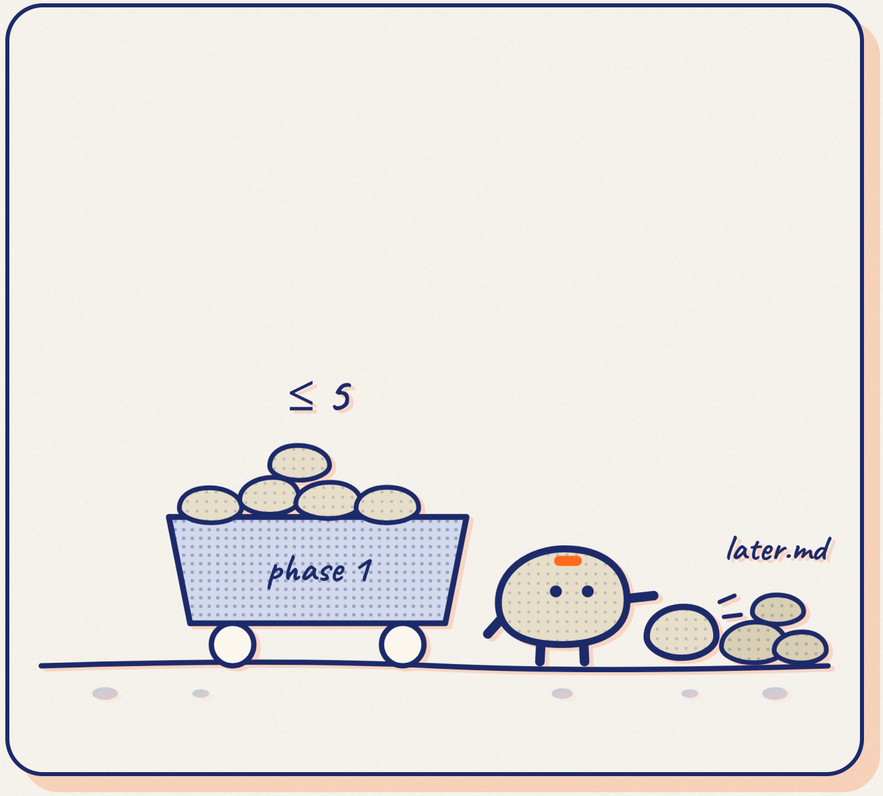
IN PLAIN WORDS **.md** a plain-text file: # is a heading, - is a bullet

02 · SHAPE 0:57

Be brief: the plan is a list of cuts

- **One line** per feature
- **Phase 1** = the smallest site that can go live
- **≤ 5 features** a phase, each ends deployed
- New ideas → `later.md`

> **A long list is a wish.**
> **A short one is a plan.**



IN PLAIN WORDS **Phase 1** the smallest useful version · **later.md** a parking lot

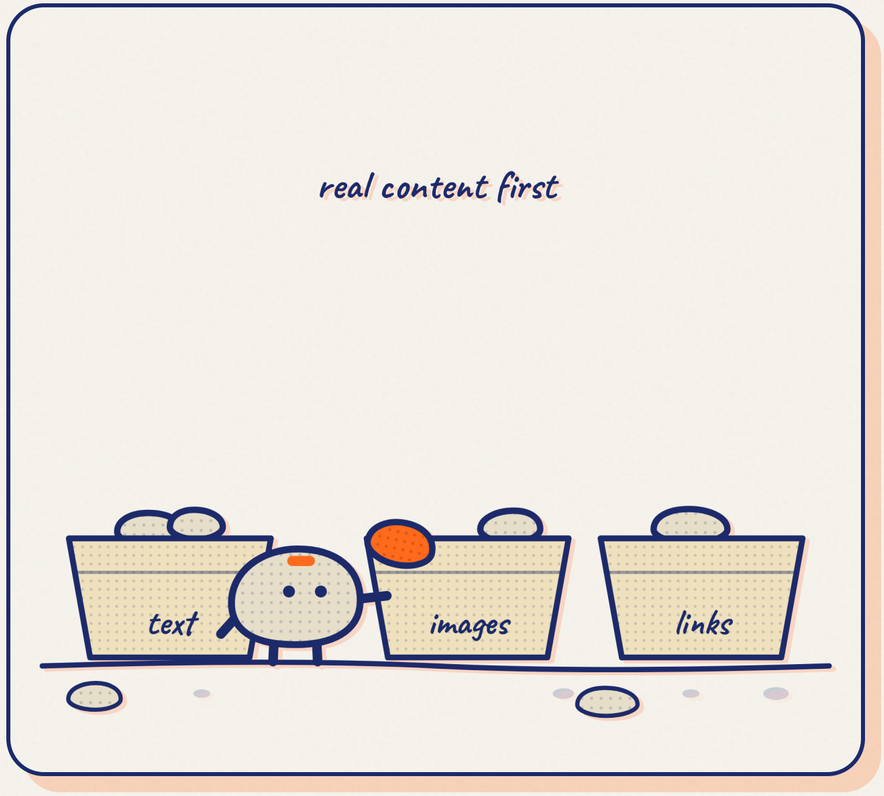
02 · SHAPE 1:00

Gather all the data first

Real content makes a layout that fits.

- Bio in three lengths
- Original photos
- Projects: title, one line, link, image
- Writing, CV, social links

✓ YOU SHOULD NOW HAVE a content folder + INVENTORY.md



IN PLAIN WORDS **Markdown** plain text for writing · **JSON** plain text for lists

03 · DECIDE 1:05

Choosing the framework

Astro OUR DEFAULT

content-first · almost no JS · Cloudflare-backed

Next.js

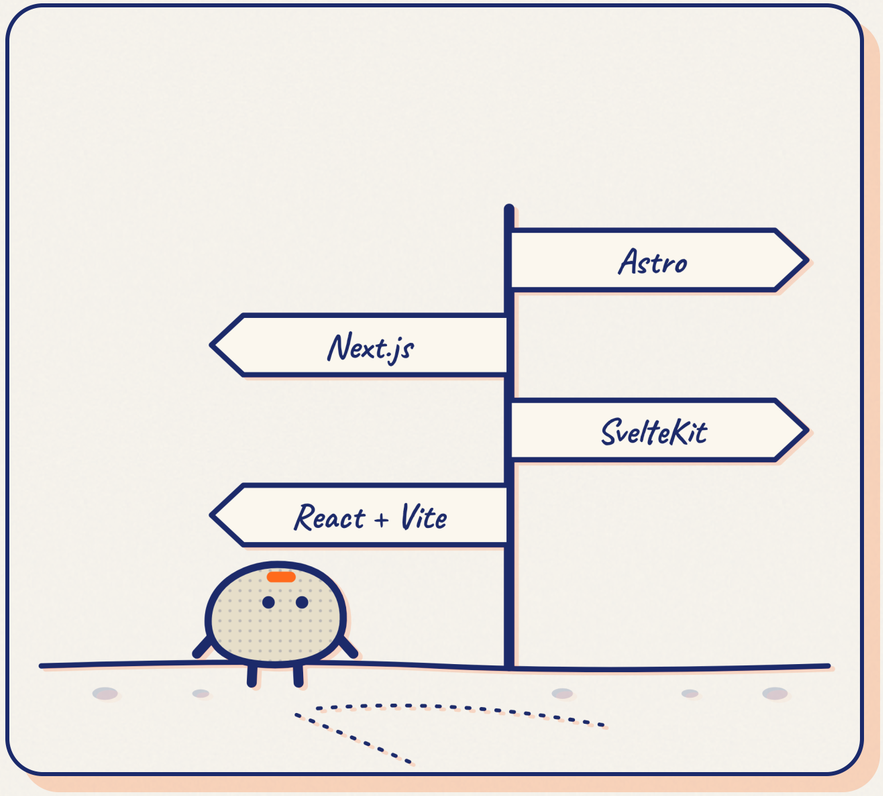
app-first · huge ecosystem · heavier

SvelteKit

light · simple · smaller community

React + Vite

flexible · needs SEO work · the case study



Content site → **Astro** · App → **Next.js** or **SvelteKit**

IN PLAIN WORDS **Framework** a starter kit for pages · **JS** code in the browser: less is faster

03 · DECIDE 1:12

Choosing the host

Cloudflare OUR PICK

- free
- fast everywhere
- domain included

Vercel

- best for Next.js
- free = non-commercial

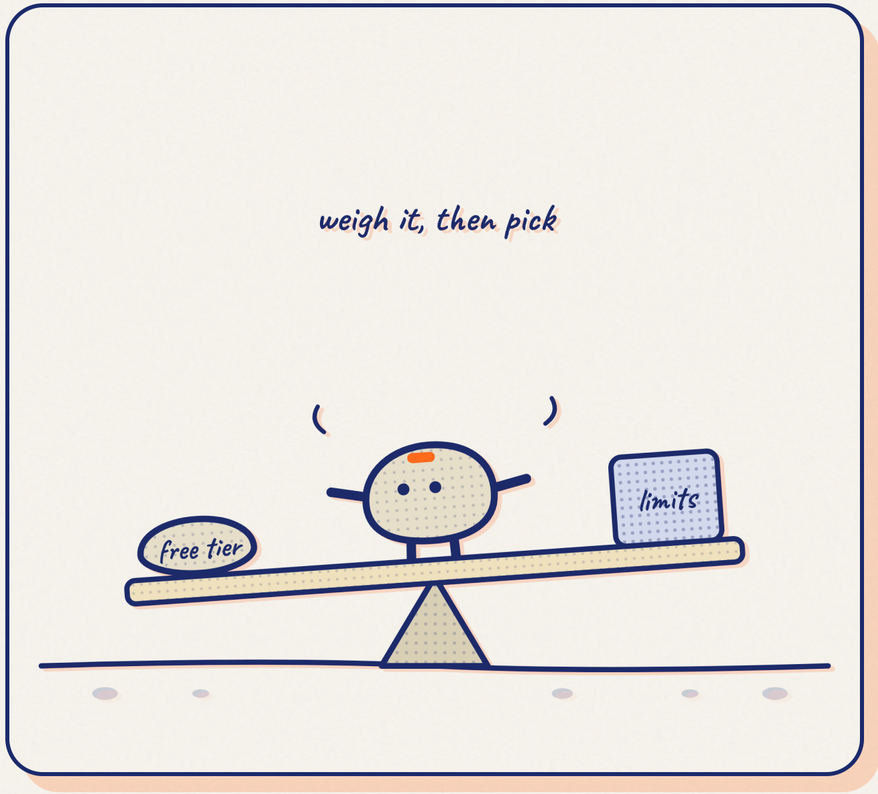
Netlify

- simple
- credit limits

GitHub Pages

- free
- static only

Free tiers change — check before you pick.



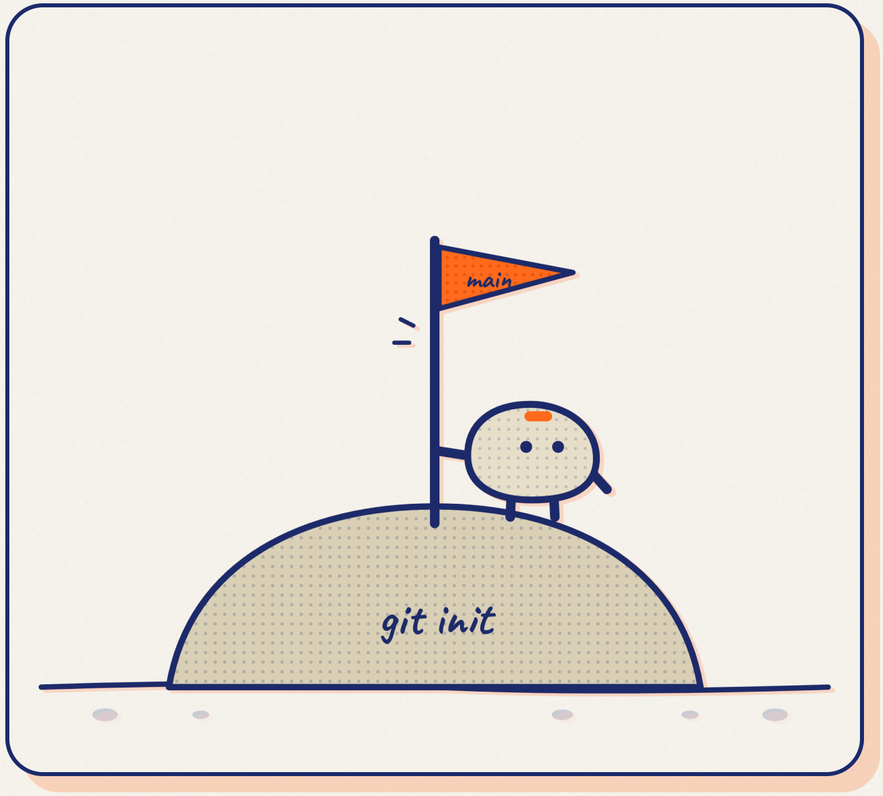
IN PLAIN WORDS **Hosting** the computers serving your site · **edge** copies near every visitor

Phase 0: the repo

PROMPT 06 · CLAUDE CODE FULL PROMPT ↗

```
Read docs/technical-
decisions.md. Do Phase 0:
scaffold the framework,
fill content/ with my real
content, add CLAUDE.md,
make the build pass,
commit.
```

```
my-site/
├─ content/
├─ src/
├─ docs/
├─ CLAUDE.md
└─ CHANGELOG.md
```



✓ YOU SHOULD NOW HAVE Phase 0 committed, pushed to a new GitHub repo.

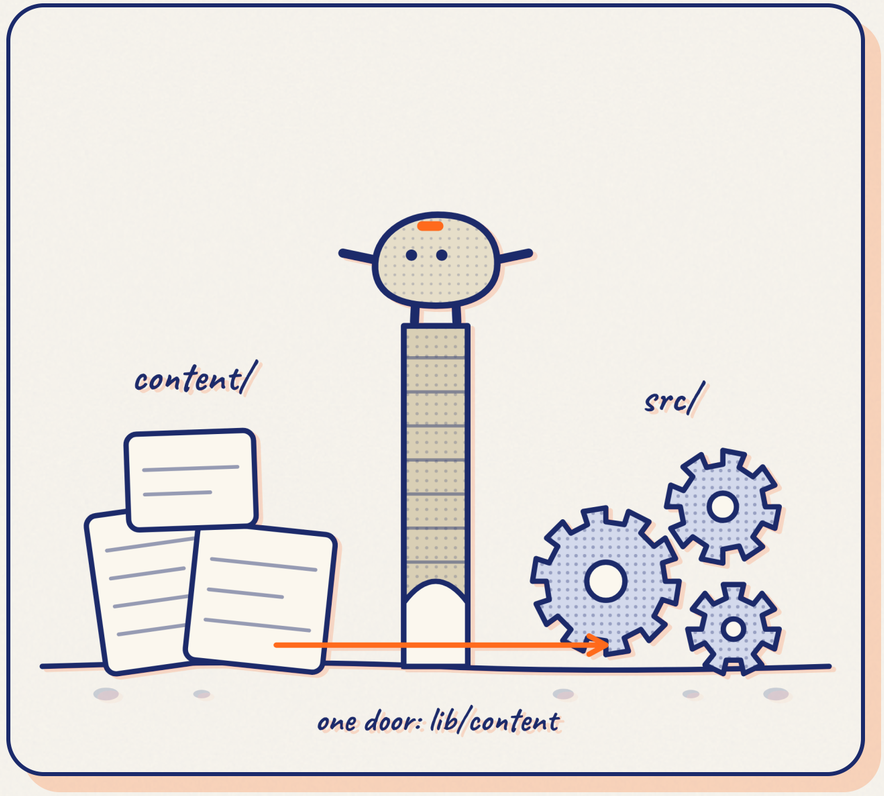
IN PLAIN WORDS **Repo** a folder that remembers every version · **commit** a saved checkpoint

04 · BUILD 1:40

Keep the content apart from the code

1. **Words, links, numbers** live in `content/`
2. **One module** reads them
3. **Content has rules** — a schema

Change words without touching code — and code without touching words.



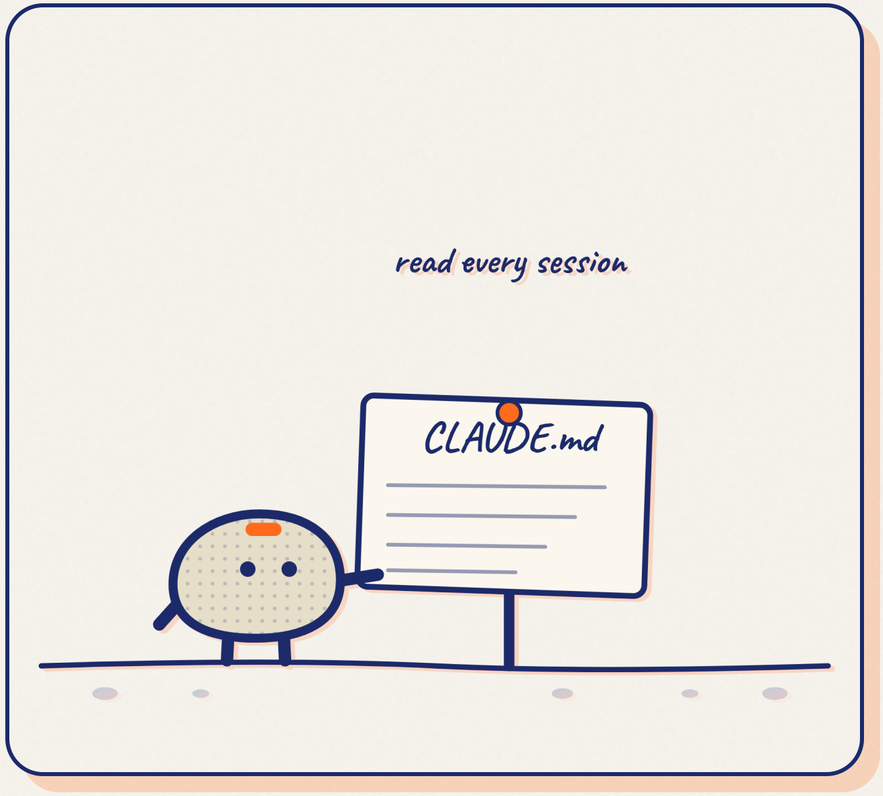
IN PLAIN WORDS **Content** what the site says · **code** how it looks and works

04 · BUILD 1:45

CLAUDE.md: the project's memory

Read at the start of every session. Keep it short.

```
# my-site
Astro → Cloudflare Workers.
- Content only in content/
- Plan: docs/phased-plan.md
- npm run build must pass
- Log every change
- Lessons: one line each
```



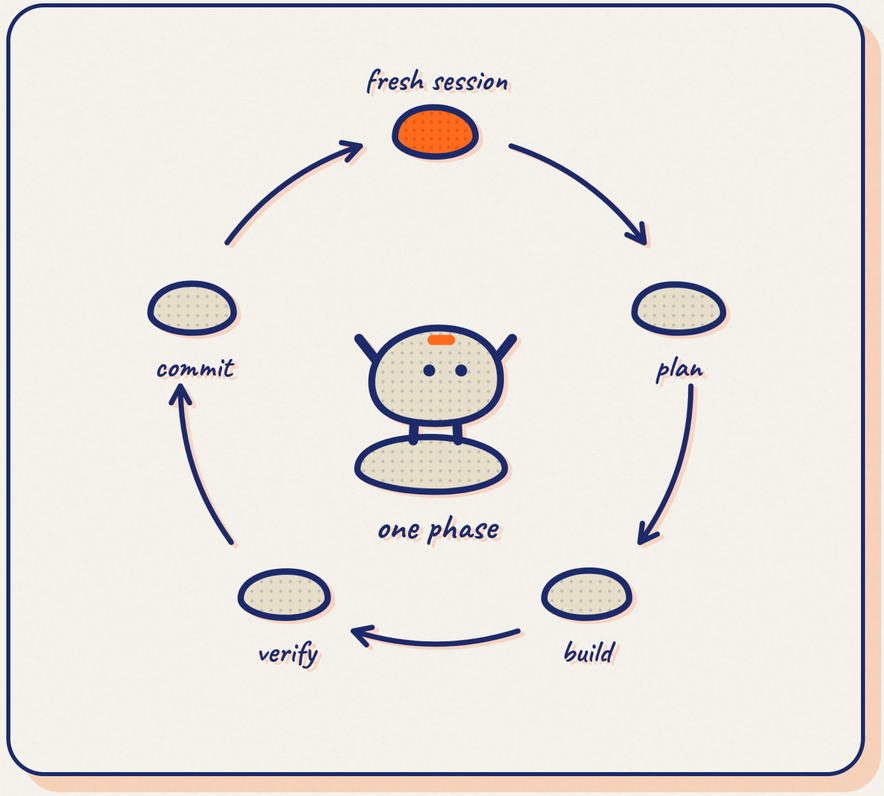
IN PLAIN WORDS **CLAUDE.md** the note Claude reads at the start of every session

04 · BUILD 1:50

One phase = one session

New phase → new session

1. Fresh — `/clear`
2. Plan mode — `Shift`+`Tab`
3. Build — `Esc` to steer
4. Verify — build, run, look
5. Commit and tick the plan



IN PLAIN WORDS **Context** what Claude can hold in mind · **plan mode** it proposes, you approve

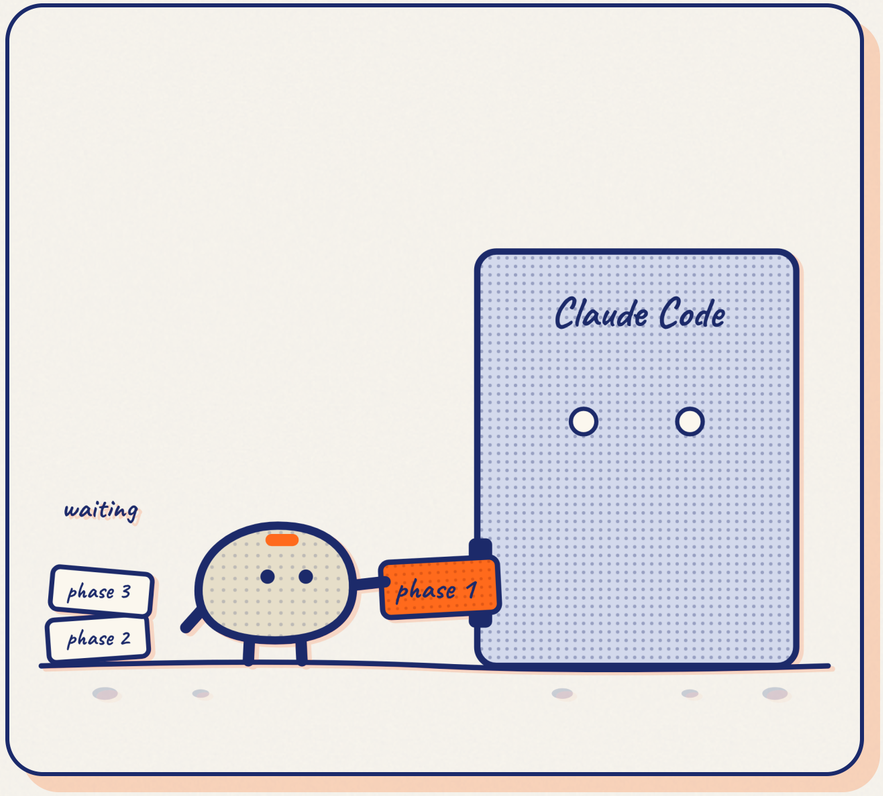
04 · BUILD 1:55 · PHASE 1 NOW

The phase prompt

PROMPT 07 · CLAUDE CODE, PLAN MODE FULL PROMPT ↗

```
Read CLAUDE.md and the plan. Do Phase 1 only.
Plan first, ask what's unclear. Then build,
check every page, log the change, commit.
```

✓ YOU SHOULD NOW HAVE **Phase 1 running on localhost with your real content.**



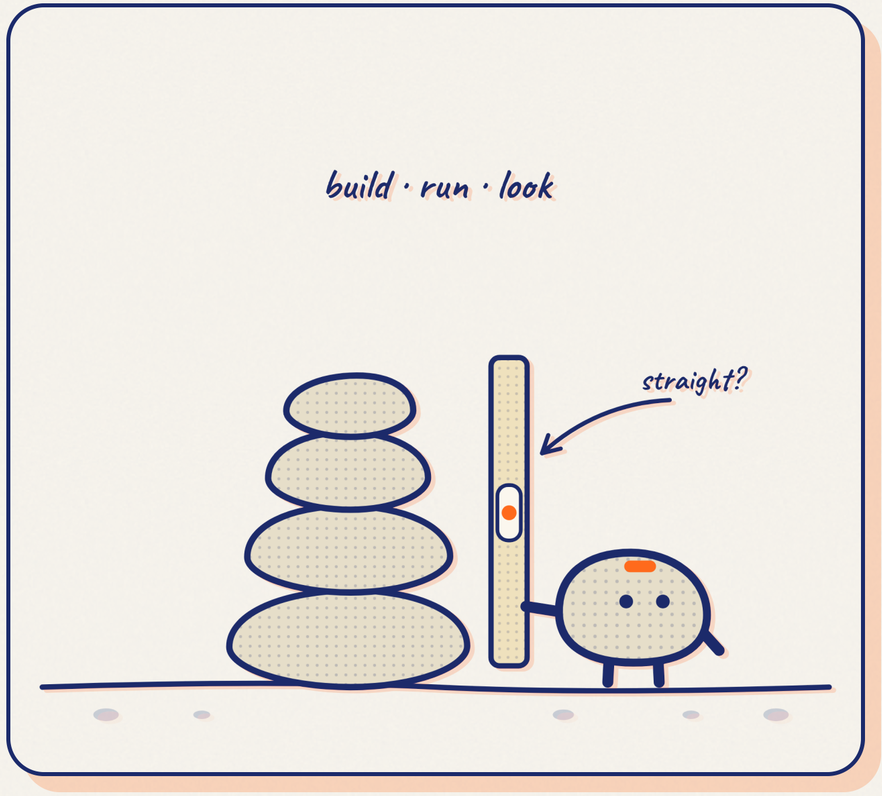
IN PLAIN WORDS **localhost** a private preview on your own laptop

04 · BUILD 2:05

Give Claude a way to check its work

- The build passes
- It looks right — `/verify`
- A second reader — `/code-review`
- You, on your phone

> **Done = deployed, and you looked at it.**



IN PLAIN WORDS **Build** files → finished site · **review** a second reader

04 · BUILD 2:10

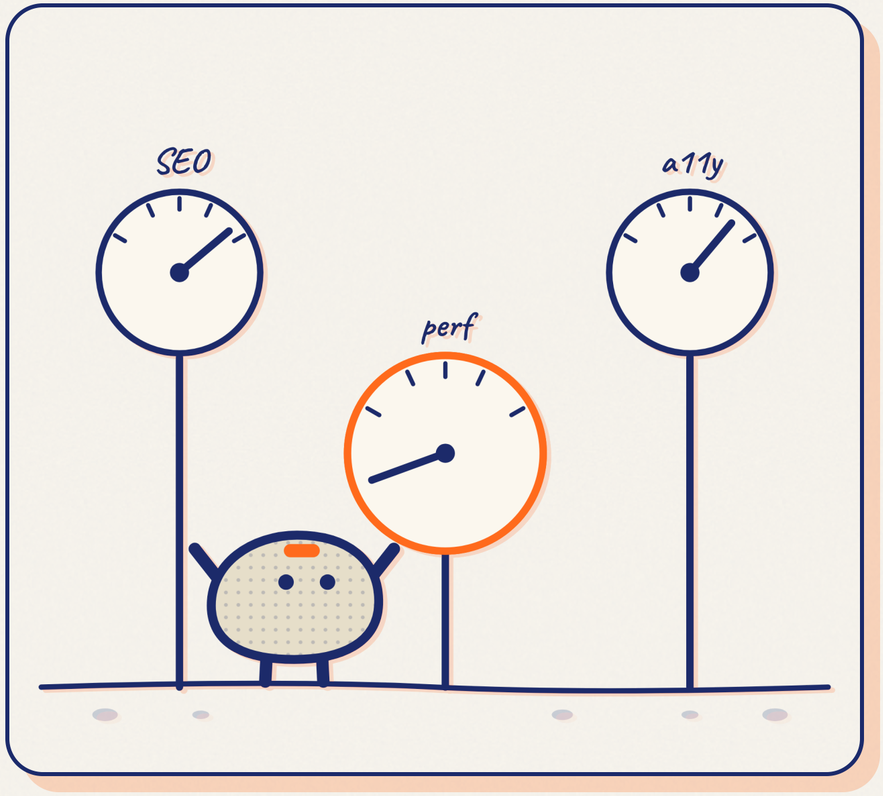
SEO, speed, accessibility

PROMPT 09 · CLAUDE CODE FULL PROMPT ↗

Audit SEO, performance and accessibility on every page with Lighthouse (mobile). Fix the top issues; show before/after scores.

Lighthouse ≥ 90 | LCP < 2.5 s | CLS < 0.1

share card on every page



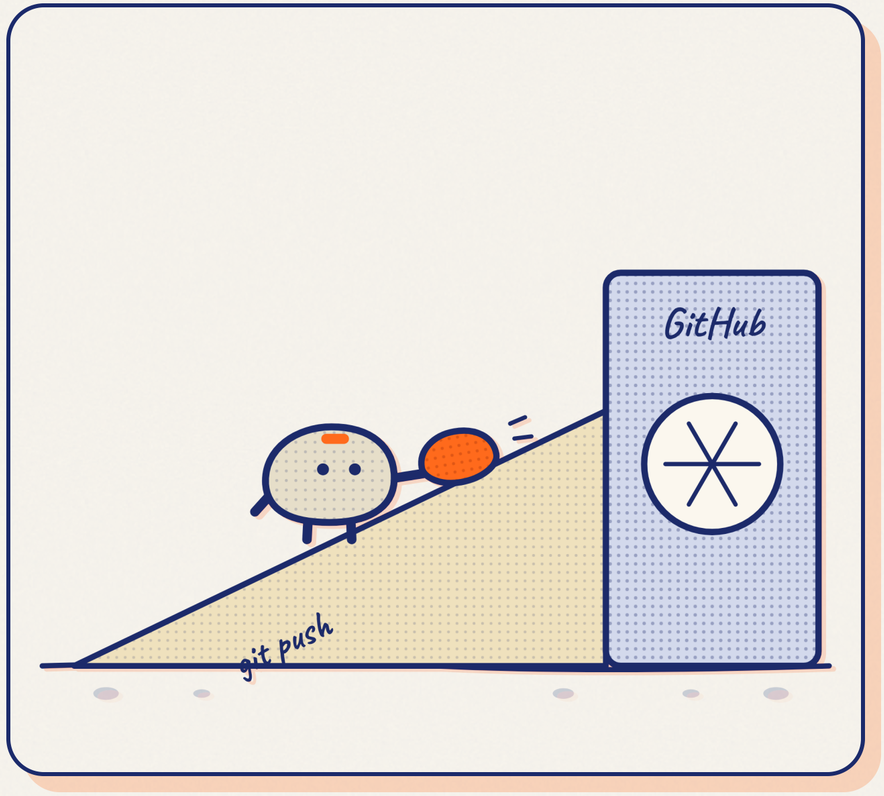
IN PLAIN WORDS **Lighthouse** Google's free report card · **SEO** being found on Google

05 · SHIP 2:20

Push to GitHub

```
git checkout -b phase-2
git add -A
git commit -m "Phase 2"
git push -u origin phase-2
```

Or just say: “commit *and* push *to a new* branch”.



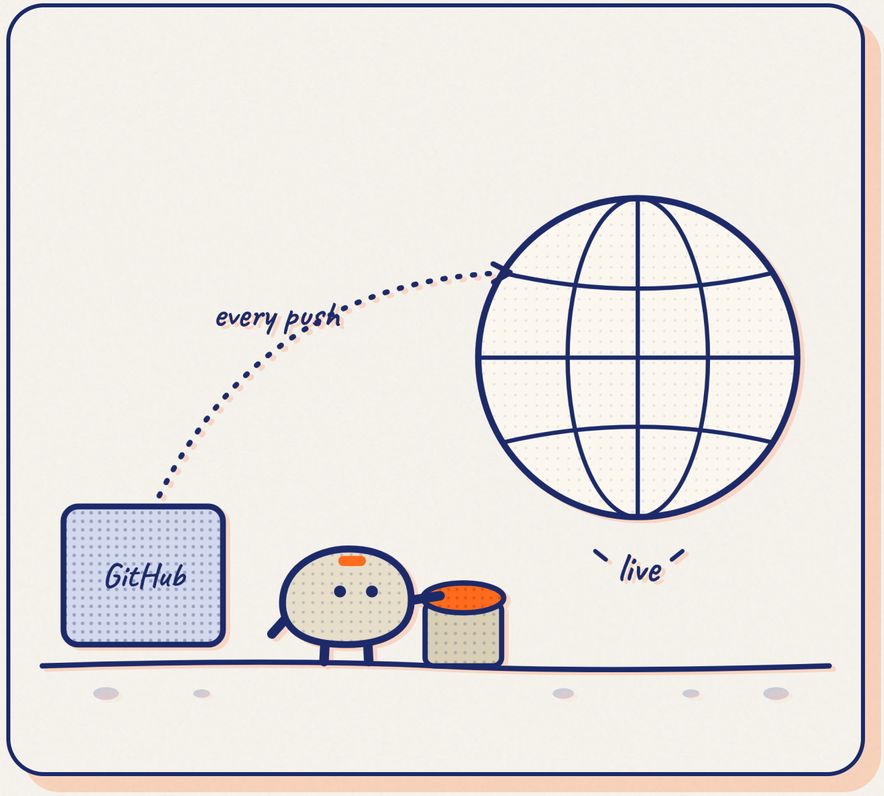
IN PLAIN WORDS **Push** upload to GitHub · **branch** a safe copy to try a change

05 · SHIP 2:25

Deploy on Cloudflare

1. Workers & Pages → **Create**
2. **Import** your GitHub repo
3. Build `npm run build` · output `dist`
4. **Deploy** → `*.workers.dev`

Push to main = **live**. Other branches = **preview links**.



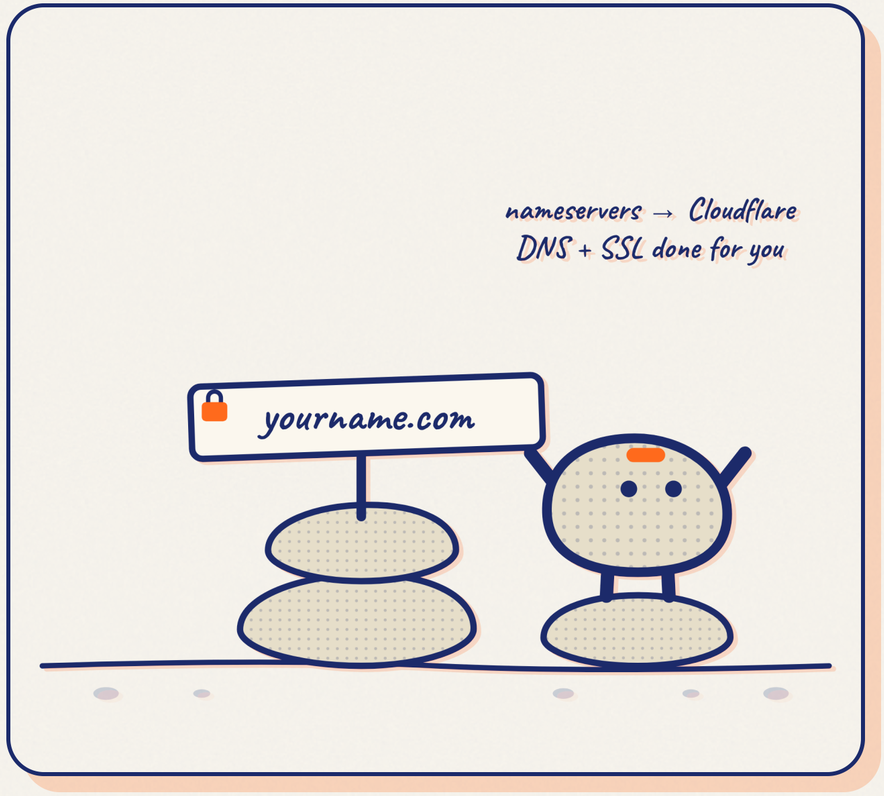
IN PLAIN WORDS **Deploy** put the site online · **preview** a test link per branch

05 · SHIP 2:35

Your domain

1. Buy a domain
2. Point its **nameservers** to Cloudflare
3. Worker → **Add custom domain**
4. Add **www**, redirect it

✓ YOU SHOULD NOW HAVE `https://yourname.com`, live.



IN PLAIN WORDS **DNS** the internet's phonebook · **nameservers** who keeps your entry

06 · CASE STUDY 2:38

sankettambare.in

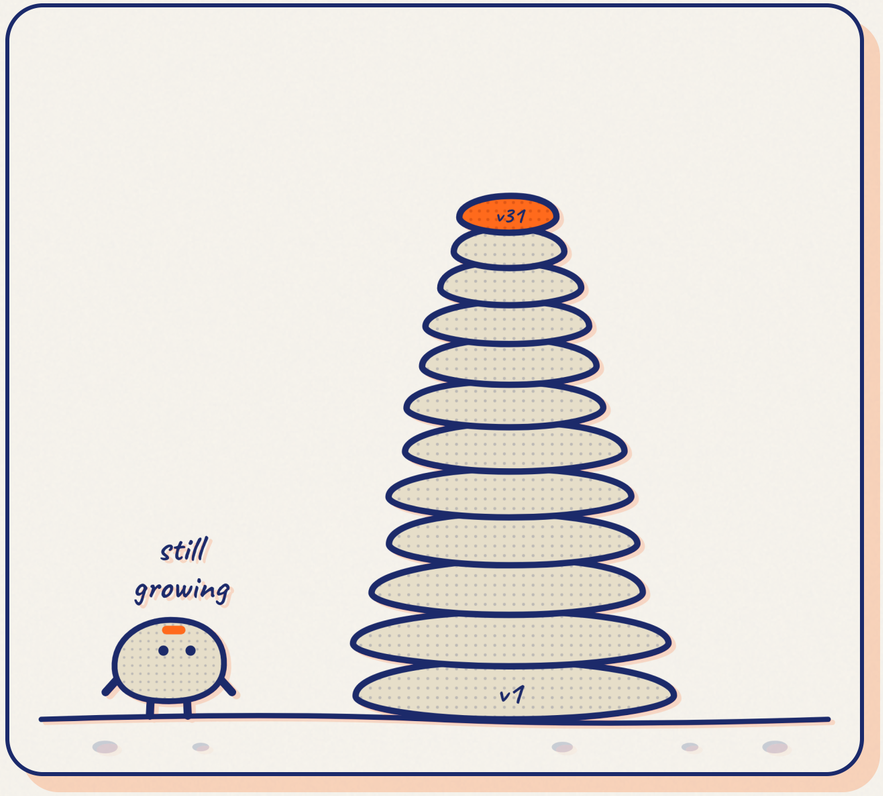
React + Vite | Cloudflare | GitHub | Claude Code

31 major versions

43 pages

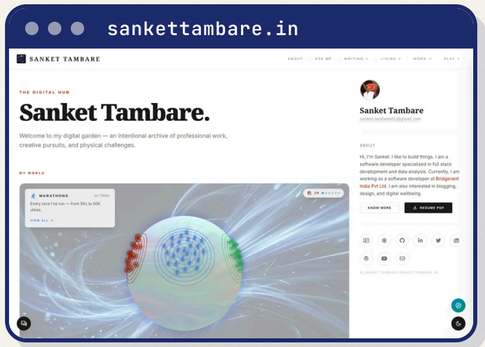
30 docs for Claude

Its database is skipped today — start with files.

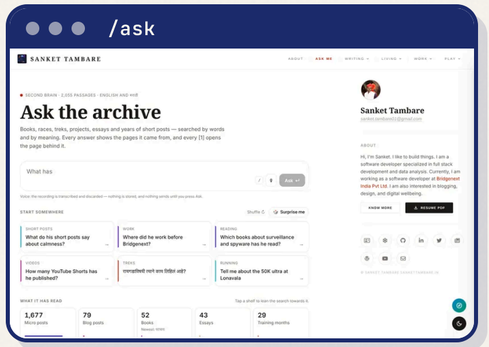


IN PLAIN WORDS **Database** a store for many records — skipped today

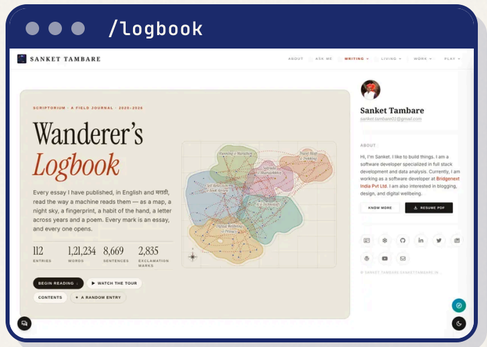
What a portfolio can become



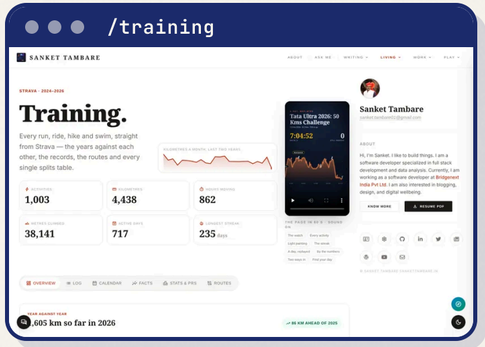
A world map of you



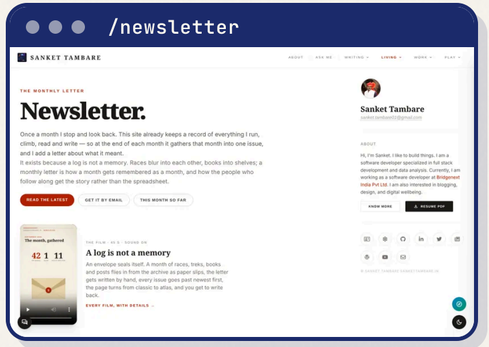
A chatbot over it all



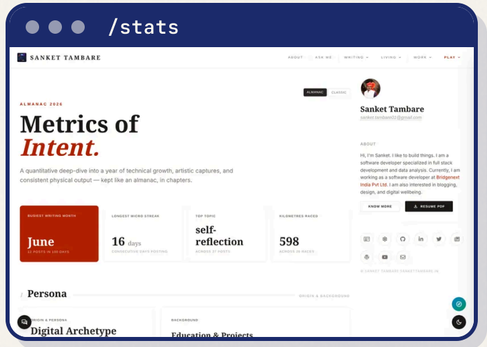
Writing, as a map



A training log



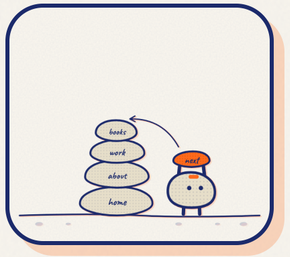
A monthly letter



A yearly almanac

Start with four pages. Add a room at a time:

- Books, with notes
- Races, treks, photos
- Projects as case studies
- Talks and videos
- A “now” page



06 · CASE STUDY 2:42

What kept it iterating

ONE SOURCE PER FACT
Bio and links in one file

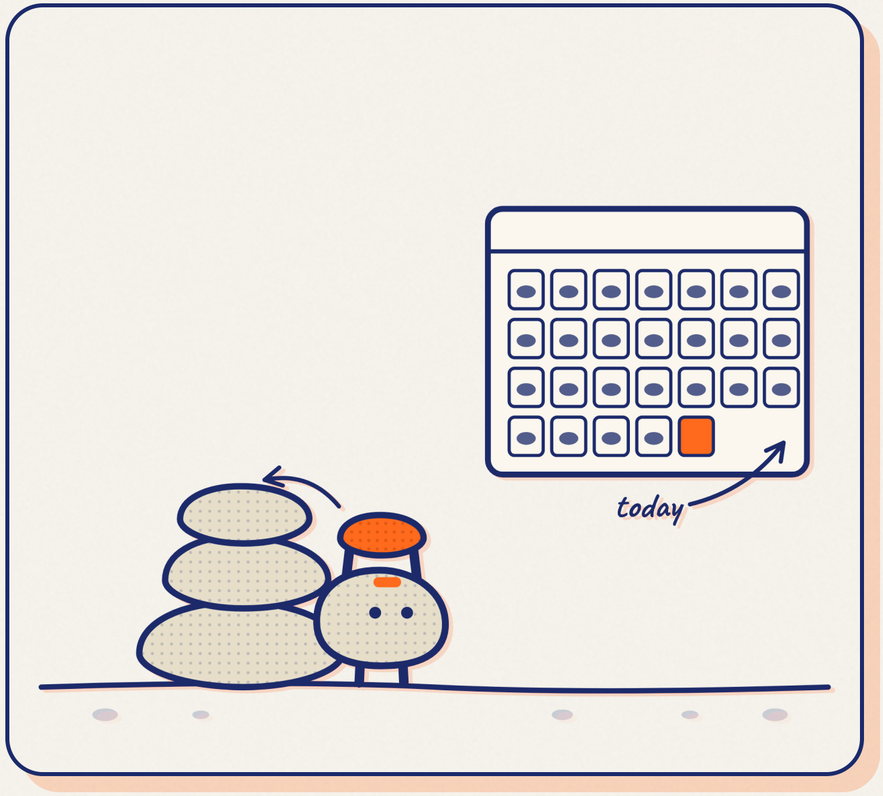
CONTENT APART
One door to the data

A CHANGELOG
On every change

TESTS GUARD RULES
The build fails, not you

GENERATED FILES
Sitemap, feeds, docs

LESSONS WRITTEN
One line in CLAUDE.md



IN PLAIN WORDS **Source of truth** the one place a fact lives · **test** an automatic check

06 · CASE STUDY 2:44

What broke, what it taught

BLANK TO CRAWLERS

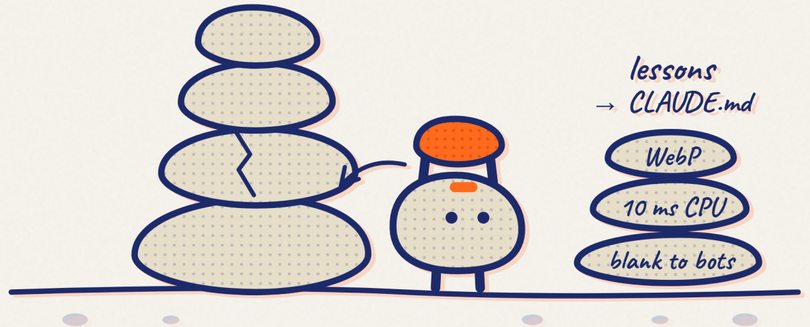
Bots saw an empty page. **Render HTML from day one.**

10 MS OF CPU

Share images timed out. **Test on the real deploy.**

SILENT WEBP

Images vanished, no error. **Write gotchas in CLAUDE.md.**



IN PLAIN WORDS **Crawler** a robot that reads sites for search and AI

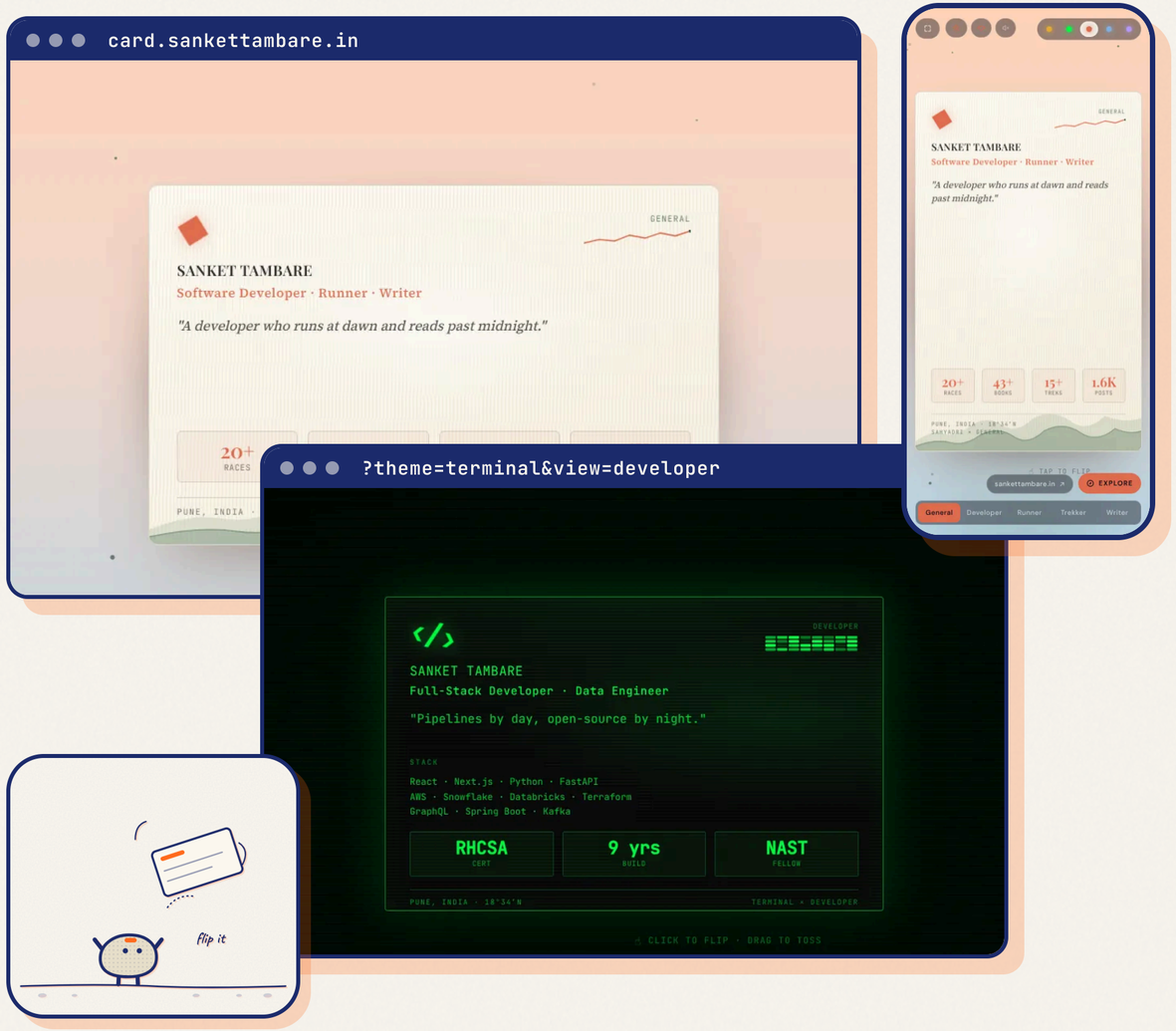
Visiting Card

Flip it, toss it — one card, many versions of you.



- 5 themes × 5 views
- The link remembers your choice
- vCard + résumé, one tap

→ `card.sankettambare.in`



IN PLAIN WORDS **vCard** a contact your phone saves in one tap

07 · FEATURED PROJECTS 2:48 · 2 OF 4

Vetal Tekdi Birding Marathon

One week, one hill, every bird counted.

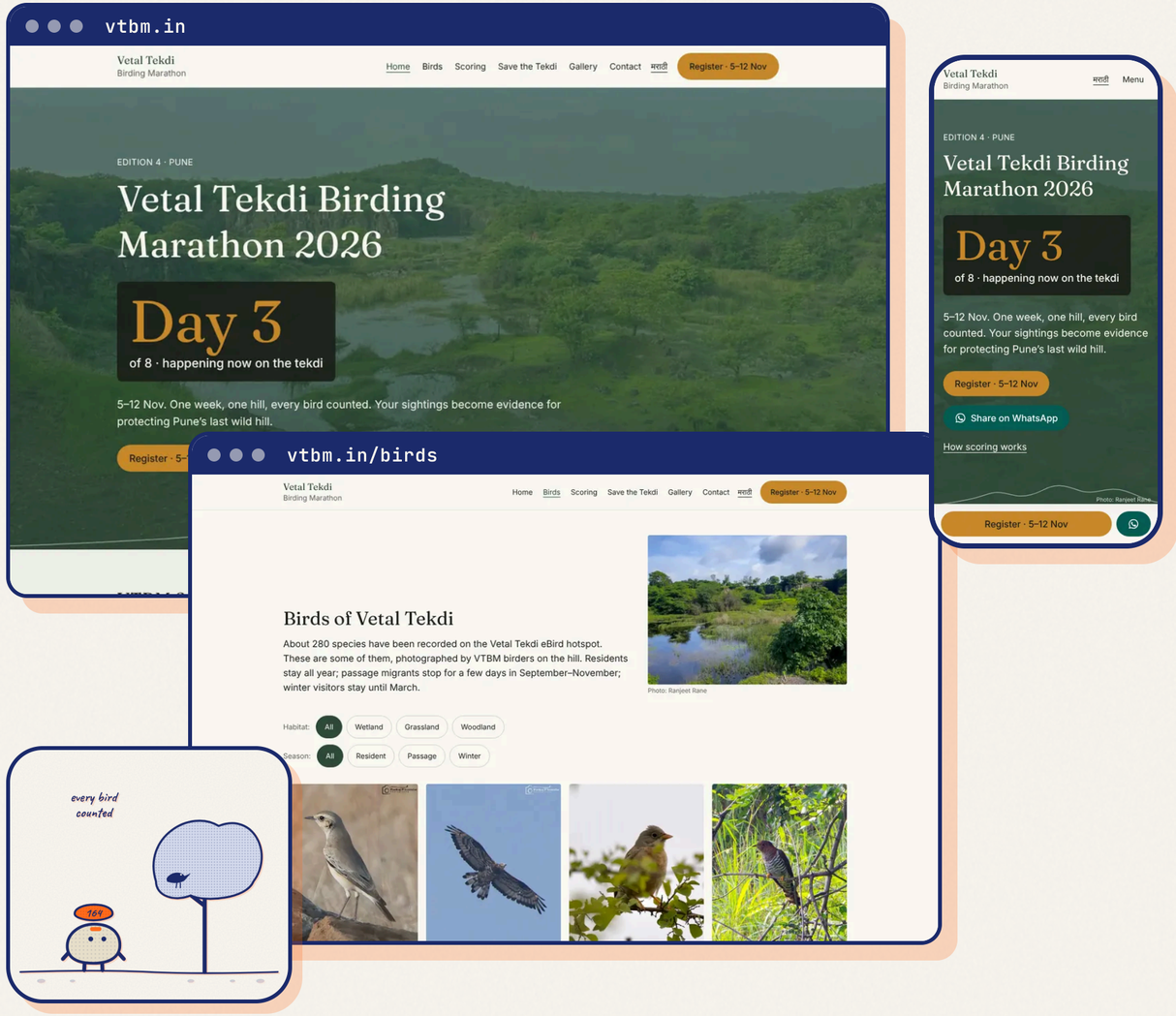
164
species, 2025

92
checklists

111→164
2023 → 2025

- Live from eBird
- English + Marathi

→ `vtbm.in`



IN PLAIN WORDS **API** one site asking another for data

07 · FEATURED PROJECTS 2:50 · 3 OF 4

RunFolio

IN PROGRESS

Every finish line, worth framing.

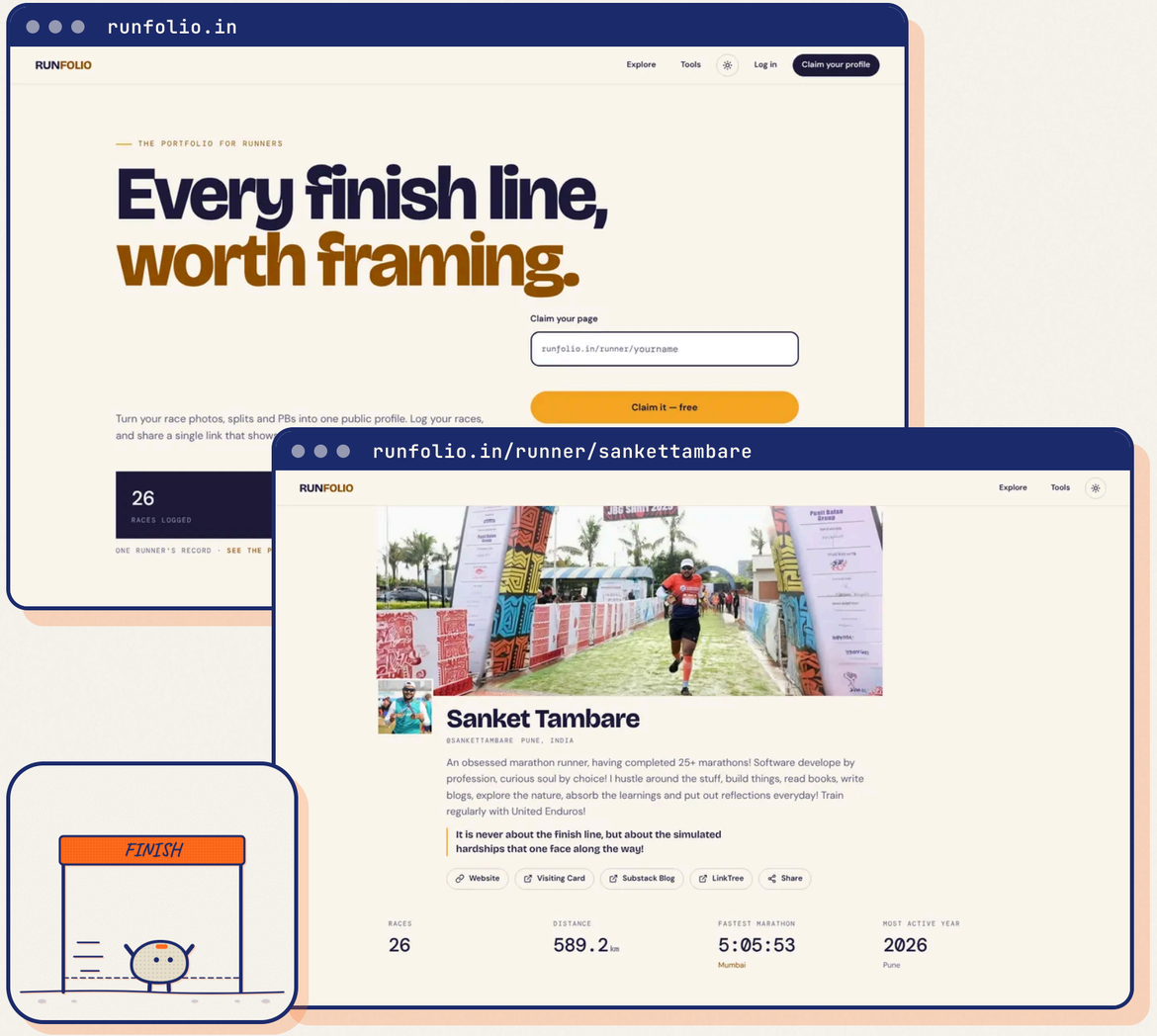
- **Log any race** — time, bib, photos
- **One link** to share
- Free tools for runners

26
races on my profile

589 km
of racing

free
for runners

→ **runfolio.in**



IN PLAIN WORDS **PB** personal best

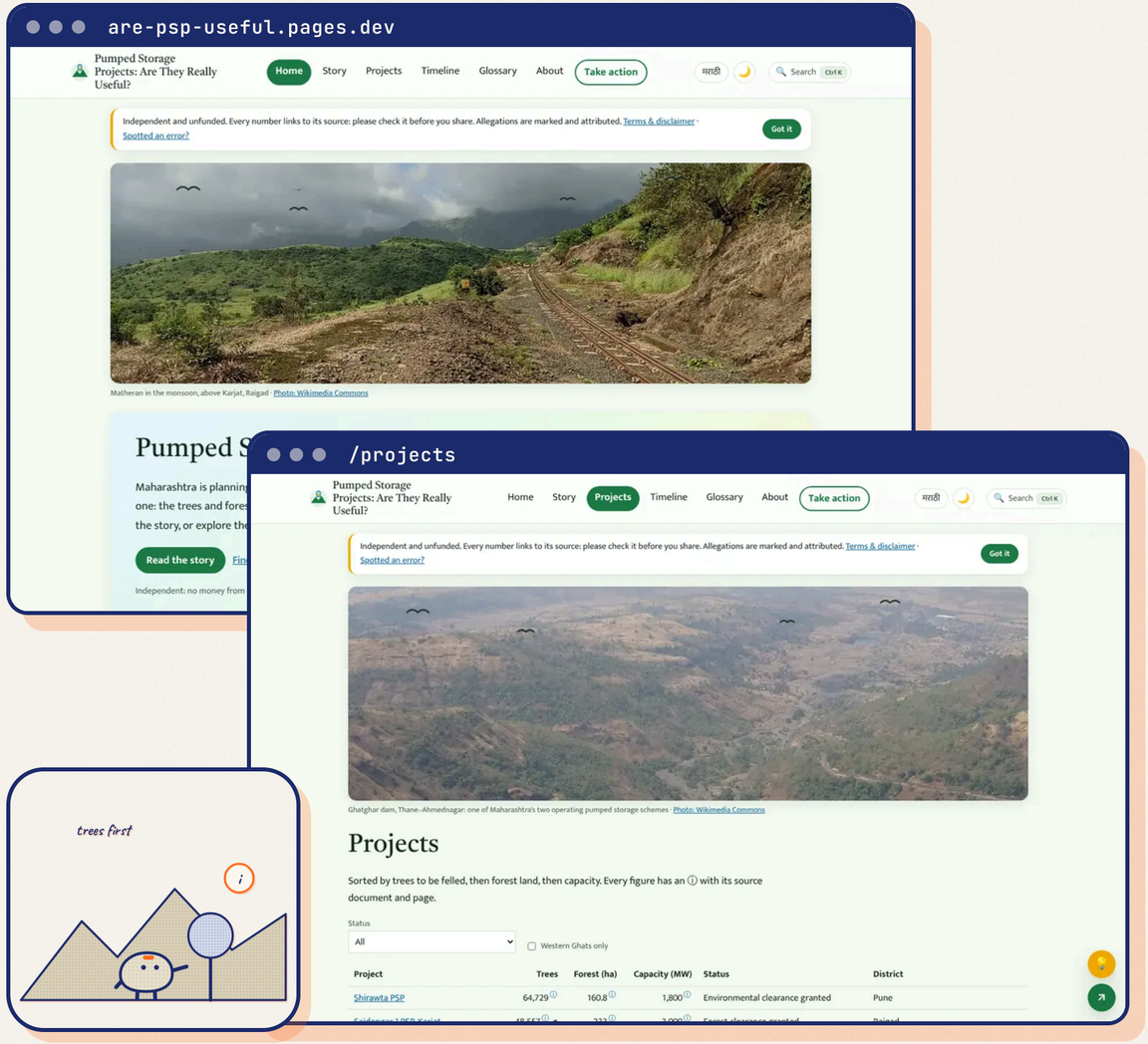
07 · FEATURED PROJECTS 2:51 · 4 OF 4

Pumped Storage: are they useful?

A bilingual data story on the Sahyadri — trees first.

- **Every number** cites its source
- **Projects ranked** by trees felled
- Open data downloads

→ **are-psp-useful.pages.dev**



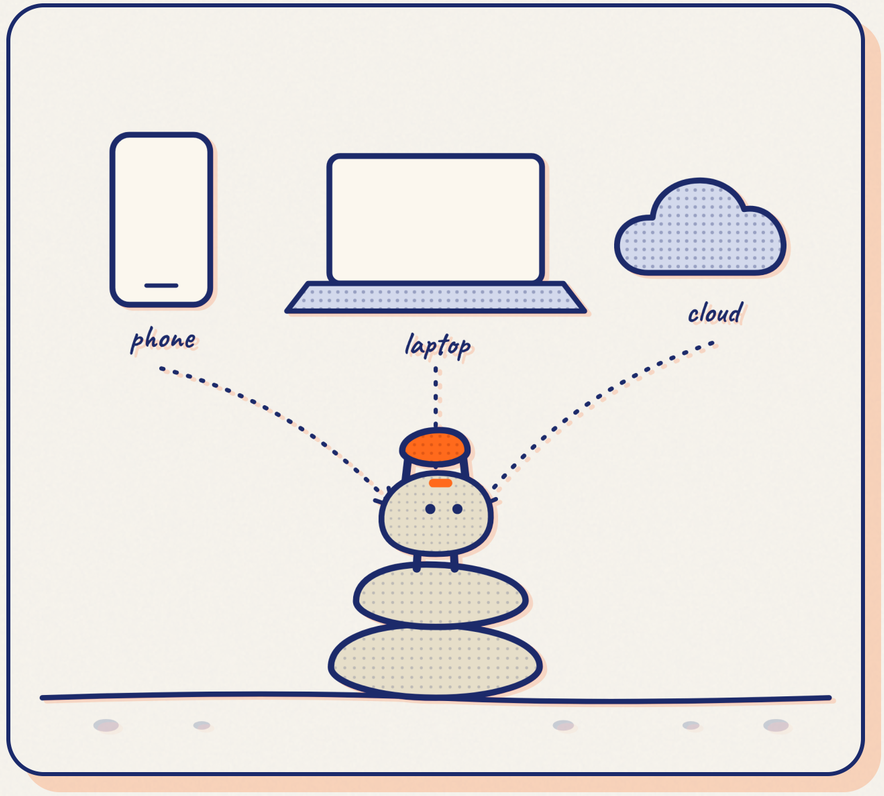
IN PLAIN WORDS **Open data** the numbers, offered as downloads

08 · ITERATE 2:52

From now on, a change is a prompt

“Add my Pune Half Marathon to Races, with this photo.”

1. **Say it** — laptop, browser or phone
2. **Claude edits** on a new branch
3. **Preview link** — check on your phone
4. **Merge** — one click
5. **Live** in about a minute



IN PLAIN WORDS **Merge** fold a branch's change into the live site

Seven days, seven changes

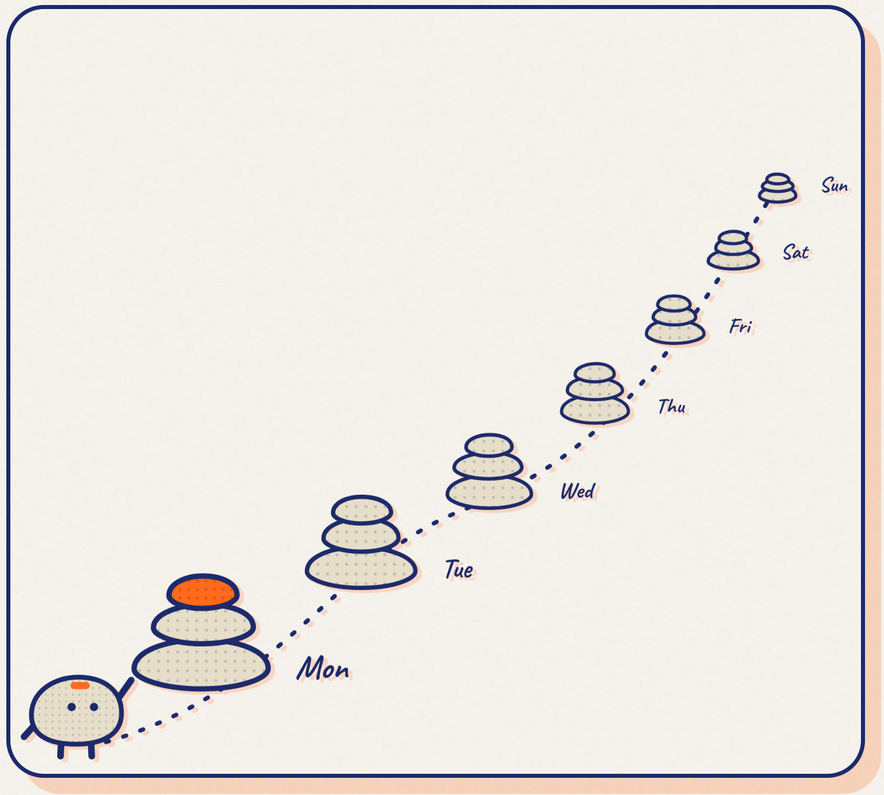
1. Live on workers.dev
2. Your own domain
3. Real content everywhere
4. Run the audit
5. One new section
6. A friend tests it
7. Write about it

Take-aways

The prompt pack
Words in plain English
Doc templates
This deck as a PDF

Read

Claude Code best practices
Astro content collections
Cloudflare static assets



IN PLAIN WORDS **workers.dev** Cloudflare's free address, before a domain

09 · CLOSE 2:56 · YOUR TURN

How was it?

1
How was it, 1–5?

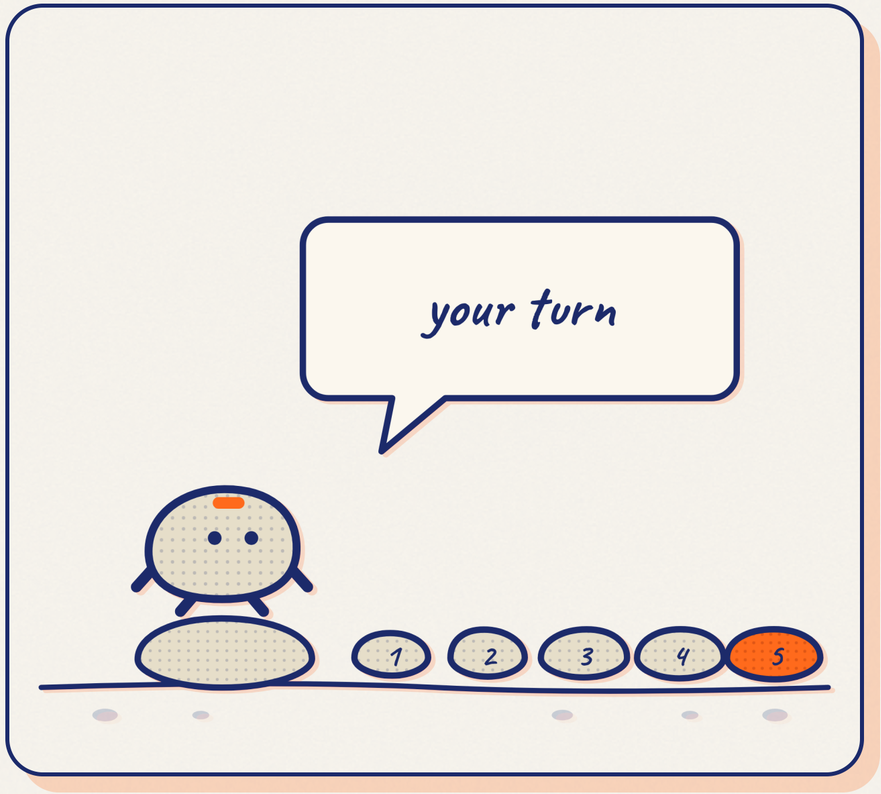
2
What stood out most?

3
How far did you get?

4
Where were you stuck?

5
What should I add or cut?

6
Send me your URL



09 · CLOSE 2:59

Thank you

One small change a day.

WEBSITE
sankettambare.in

VISITING CARD
card.sankettambare.in

LINKEDIN
in/sankettambare

GITHUB
daredavil01

EMAIL
sanket.tambare01@gmail.com

PROMPT PACK
every prompt

Scan for my card.

