

The site you are reading, shipped by pushing to main

A design system in CSS variables, visual baselines at five widths, and a deploy that has to prove itself healthy.



Sytze P.
Solution Engineer

The problem

A freelance site is the first work sample a client ever sees, and most of them are a bought template with a name swapped in. Nothing about them tells you whether the person can build and run software.

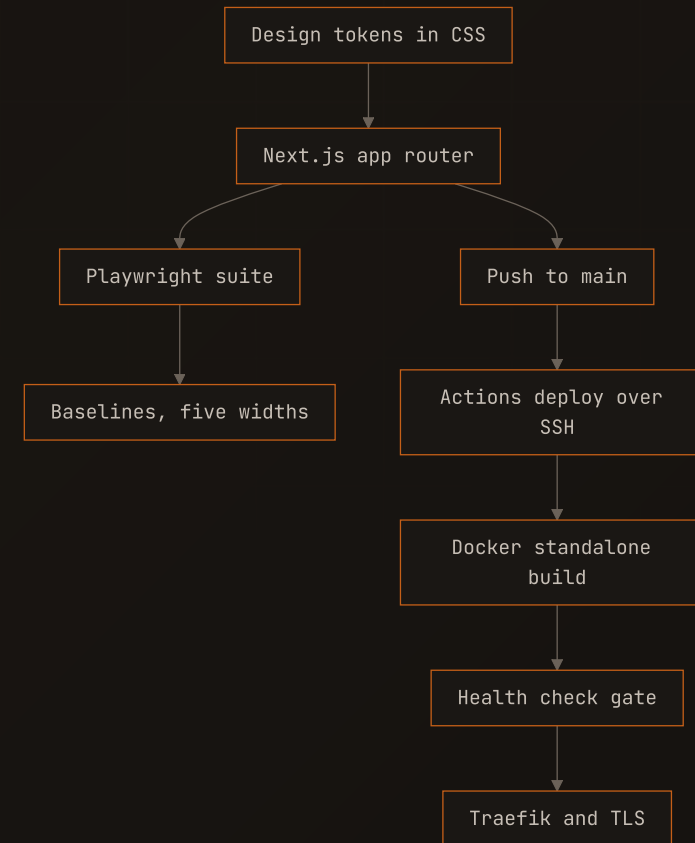
The second problem is upkeep. A site deployed by hand drifts away from what is in the repo, and a layout change quietly breaks a page nobody happens to open that week.

- APPROACH

Tokens to live container

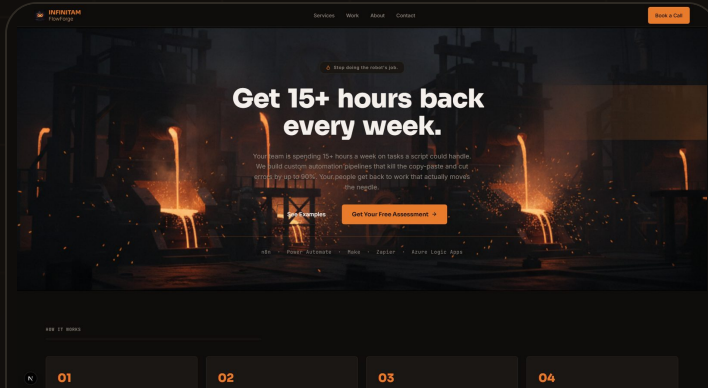
The design system was written down before the first component. Palette, type scale and spacing exist once as CSS variables that every component reads, so the document and the build cannot drift apart. They are the same values.

A marketing site normally ships with no tests. This one has Playwright across every route, the API handlers and the accessibility basics, plus full-length screenshots at five widths with the baselines committed. Deploy is a push to main, and a container that never reports healthy fails the deploy instead of replacing a working one.



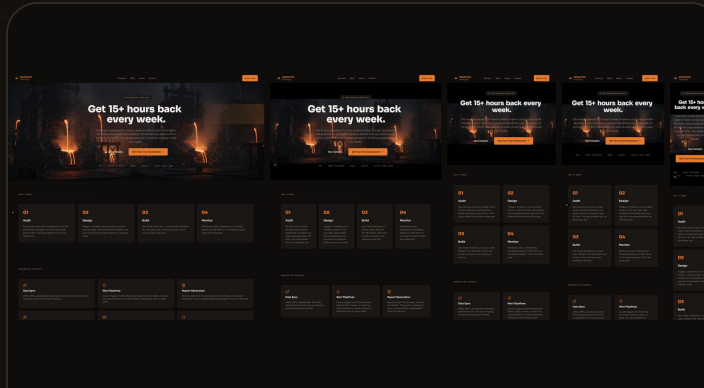
HIGHLIGHTS

How it works



THE STYLESHEET IS THE DESIGN SYSTEM

Palette, type scale and spacing are declared once as CSS variables. Changing the accent colour is a single edit rather than a search through components.



EVERY PAGE IS DIFFED AT FIVE WIDTHS

Eight pages captured full length from 375 to 1920 pixels, baselines in the repo. A regression arrives as a failing test with a diff image attached.

A DEPLOY THAT CAN REFUSE TO FINISH

After the rebuild the workflow waits on the container health endpoint. A container that never goes healthy exits the deploy non-zero with its logs, instead of reporting success on a broken build.

Results & impact

8 pages, 5 widths

full-page baselines committed to the repo

0.2% pixel tolerance

the threshold a visual diff fails at

no unhealthy deploy

container health polled for 150 seconds

• STACK

Tech stack

Next.js

app router, standalone build

TypeScript

components and test suite

Tailwind CSS

tokens as CSS variables

Framer Motion

reveal and scroll motion

Playwright

end-to-end and visual regression

Docker

multi-stage build, non-root runtime

GitHub Actions

deploy on push to main



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• [Live demo](#)