

# The Network Times

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# 1 Bounty Submission for Balajis on Farcaster

Balaji put out a **cast** on Wednesday the 6th challenging anyone to create an AI NYT. He provided a nice example of something working **18 months ago** with inferior LLM models. I've been looking for a reason to stay up all night coding, so I figured I'd give it a shot.

## Why $\LaTeX$ Ian?

Great question anon! I write these notes everyday at work and on other projects since pmarca gave me the idea with his ANTI-TODO list concept. Blog is no longer on the internet or else I would link it here. This may be completely useless to people, but I don't really but much detail in my git commits (I should start) so maybe this will help if you end up contributing.

## **2 Week 1 - Ship Website ASAP**

### **Friday, 3/8/2024**

- Recruit 10x designer, Michael Raisch.
- Set ship or die goal to Sunday (Didn't know the deadline at the time).
- Install hubble and run node.
- Get basic views built.
- Rust server which makes API calls to various LLM models.

### **Saturday, 3/9/2024**

- Connect rust server api calls to client components.
- Struggle with hosting server.

### **Sunday, 3/10/2024**

- Launch at 6AM rofl.

### 3 Week 2 - Feature Maxing

**Monday, 3/11/2024**

- Settle on OVH server to host and migrate away from AWS.

**Tuesday, 3/12/2024**

- Get Claude 3 Opus API working for article gen on photo click.

**Wednesday, 3/13/2024**

- Redesign by another 10X designer, Elvia Franco.

**Thursday, 3/14/2024**

- Skim through [1] for the 4th time.
- Initialize this very document (meta).
- Start to implement redesign.
- redesign nearly complete, need to style tweets still.

**Friday, 3/15/2024**

- Adjust system prompt, use haiku to save money rofl.
- Add L<sup>A</sup>T<sub>E</sub>X pdf for change log button.

**Saturday, 3/16/2024**

- See Figure 1.



**Figure 1:** *ahhh*

**Sunday, 3/16/2024**

- See Figure 1.

## 4 Week 3 - AHHHHH

Monday, 3/11/2024

- See Figure 2.



Figure 2: *AHHHH*

Tuesday, 3/12/2024

- See Figure 3.

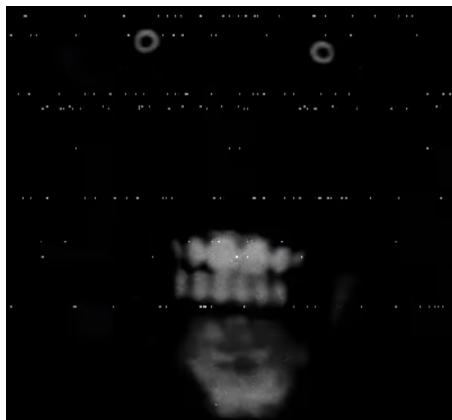


Figure 3: *AHHHHHHHHHHHHHHHH*

Wednesday, 3/13/2024

- Store articles in local storage to prevent multiple API calls per channel per session. Still very clunky behavior with NavBar versus logos on ArticleList.

**5    Week 4 SEE WEEK 5**

## 6 Week 5

### I can't be asked

- I am too lazy to summarize my shitty git commits from the 13 til now (the 31st).
- Enjoy Mr. Incredible Uncanny 4 instead:

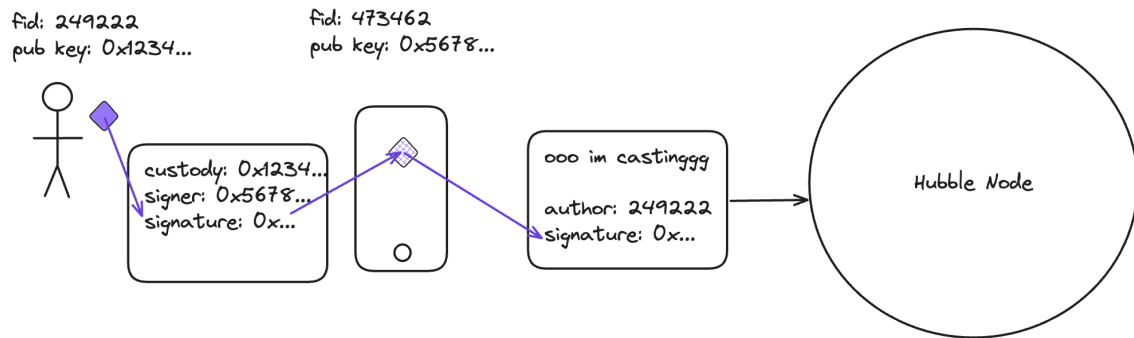


**Figure 4:** *oooooooooooooooooooooooo*

- Right, now I've added a few things:
  - custom link style and formatting in casts
  - render images in casts
  - sign in with farcaster (doesn't do much else yet)
  - link to view cast on warpcast
- I suppose I should add reaction data and stuff now.
- I'm avoiding the actual hard tech of having the LLM not hallucinate. I'm thinking of having a writers room where my proprietary spaghetti code strips out the things that don't make logical sense from the summary from the LLM.

## I really can't be asked

- I suck at updating this, but I'm focused on a native farcon app at the moment. you can check it out [here](#).
- I'm trying to get messaging working by handcrafting endpoints in rust (this will be my downfall, I should just use Neynar) so I'll use them in both apps anyways.
- Figure 5 is a drawing (from farcaster YT tutorial) which shows how to create a message with a custom client application.



**Figure 5:** *Farcaster Signer Concept*

- pinata, farcasterindex, things to thing about using recommended by a friend.



## 7 Week 7?

Saturday, 04/20/2024

- Q is helping me with ai nyt server.
- I am hard stuck on messages so perhaps we will crack it together.

Sunday, 04/21/2024

- Got diesel initialized in the project for storing articles, have not yet tested the ORM yet, I'll do this soon.
- I was distracted by the reactions feature for the network times. This was really easy to add, and I styled it indigo-300 or something like this. I've never seen a social site have this color like, so it's interesting at least.
- You can't yet press the like, this will work once I finally figure out how to make the app a valid signer for users.
- I added a profile page as shown in Figure 6.

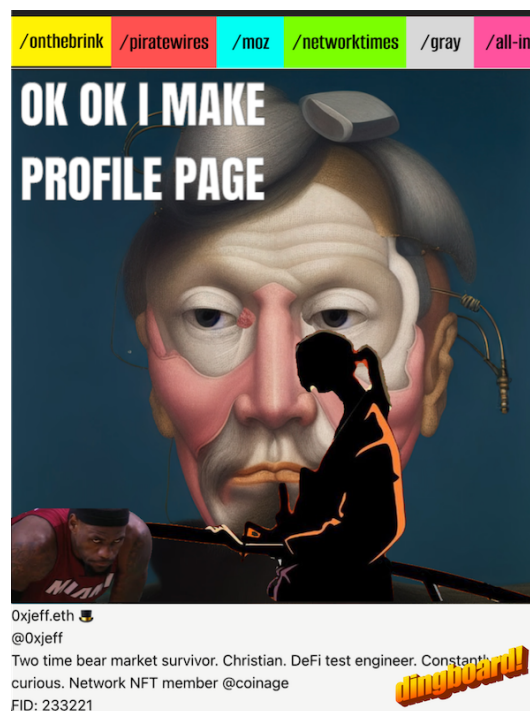


Figure 6: Profile Page

- I added hover effects (you can't see it here but matt's pfp background has a slight black circle with 10% opacity applied here (Figure 7).

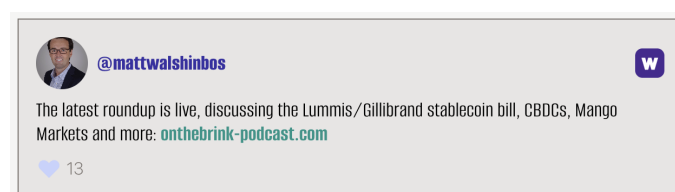


Figure 7: Pfp Hover Effect

## 8 Week 8?

### Sunday, 06/10/2024

- we might be back (leptos rewrite). notes from testing existing hubble node routes with leptos components.
- this is not live yet since it has very limited functionality.
- `fetch_username` checks if `lead_usernames` already has the `fid`. if not, it fetches the username and updates the state.
- added `ongoing_requests` to track fetches and avoid multiple requests for the same `fid`.
- Used `create_effect` to manage side effects, ensuring usernames are fetched only once.
- Used `spawn_local` for async tasks to keep the main thread non-blocking.
- `Signal` and `set_signal` handle reactive state in the `Channels` component, making sure the UI updates when data changes.
- `HashSet` tracks `ongoing_requests`, preventing duplicate fetches and redundant state updates.
- The component dynamically displays usernames from the updated state.
- asdfasdf

### Monday, 06/11/2024

- removed the `lead_username` variable and its assignment using `unwrap_or_else` from the `view!` macro.
- added closure inside the `view!` macro that matches on `lead_usernames.get().get(fid)`.
- if the lead username is available show it, else show "chill" in div where username would be
- closure is defined using `move ||` to capture the `lead_usernames` and `fid` variables.

## References

- [1] C. Huyen, Designing Machine Learning Systems. USA: O'Reilly, 2022.