

React + Firebase = Rapid Prototypes

Building backends sucks... So, instead don't.

Firebase

- Firebase is Google's platform that helps you quickly develop high-quality apps (mobile and web) and grow your business.
- NoSQL DB
- Serverless cloud functions to handle business logic
- Performance and crash monitoring
- Hosting
- **Great** free tier
- Let's you focus on building awesome frontends without limiting your implementation. Can pivot fast. Chop and change as you need.

The gotchas

- You can get smoked with costs when you hit scale if you don't build your app properly. The way they charge is based on things like reads and writes. If you build a 'bad' frontend that queries too much you can end up with **big bills**.
 - But just like, build your app *good*.
- You may find yourself locked into the ecosystem because everything works so easy. That's what they want.
- Reality is though - your prototype / idea might not actually be any good. So why spend a month+ building a good backend? Maybe not a good fit for large commercial companies. IDK

The example app

- Simple restaurant review app
- Restaurants have many reviews
- A review belongs to a Restaurant
- We'll look at how it is w/out Firebase then add that functionality in.
- I use libraries to save time. But you can write all the Firebase stuff yourself if you want. Probably don't. But you can.

^ lol talking about data relationships in a NoSQL backend.

[Demo gods, be kind.]

<https://react-firebase-example-7cfe7.web.app/>

Stuff

- Libraries I used to make things easier
 - react-firebase-hooks
 - react-firestore
- More about firebase - <https://firebase.google.com/>
- Videos that helped me
 - Understanding firestore - https://www.youtube.com/watch?v=v_hR4K4auoQ&list=PLI-K7zZEsYLUg5MCVEzXAQ7ACZBCuZgZ
 - Literally anything and all of the things by Jeff from fireship.io - <https://www.youtube.com/watch?v=9kRgVxULbag&t=299s>

Questions?

Thanks for having me.

Go build some cool shit.



Literally same gif as last time. But I ain't mad.