

Intro to Backend

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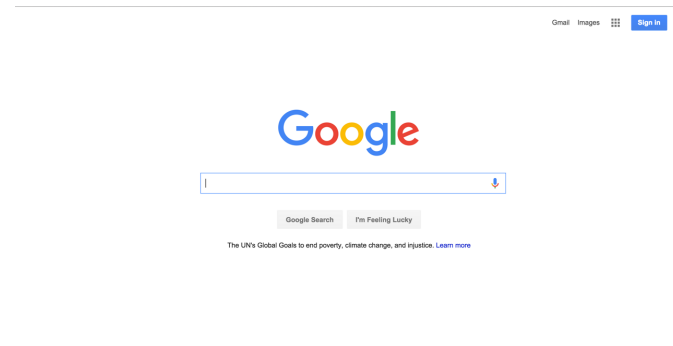
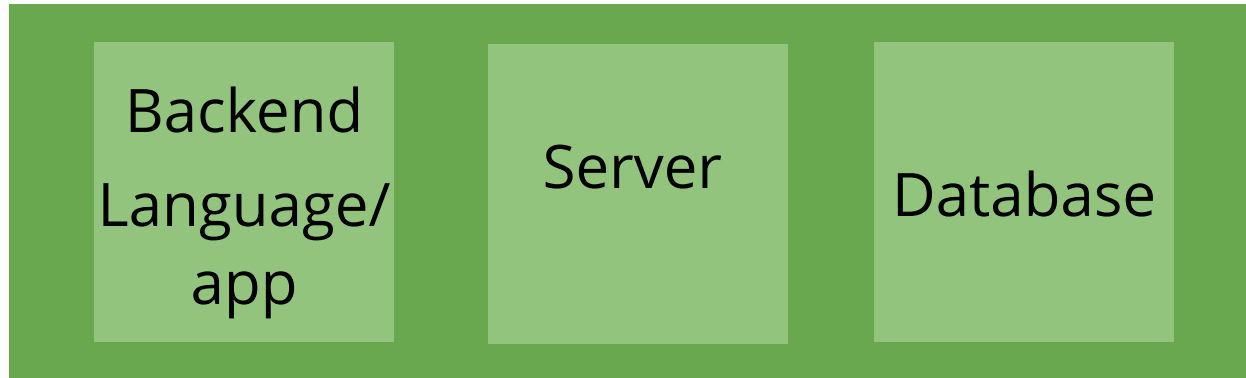
- Review Internet Basics
- Static Vs. Dynamic Sites
- Stacks/Back End Technologies

Static

Vs.

Dynamic

A Generic Stack



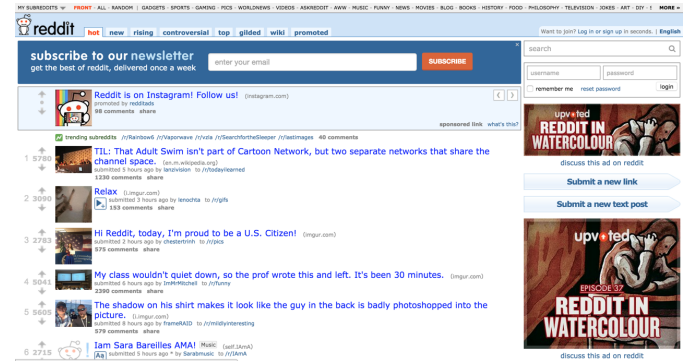
Reddit's Stack

Python
/Flask

nginx

postgresql

HTML JS
CSS
(Backbone)



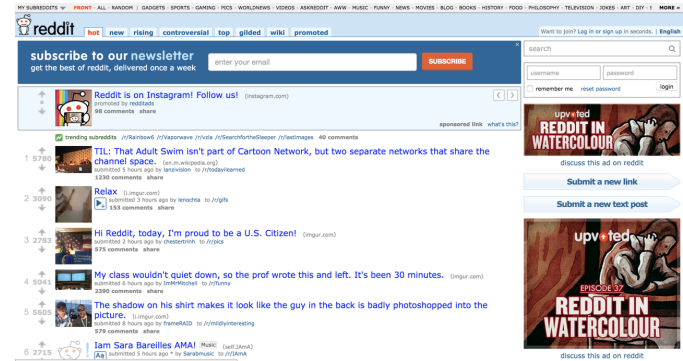
Our Stack

Node JS

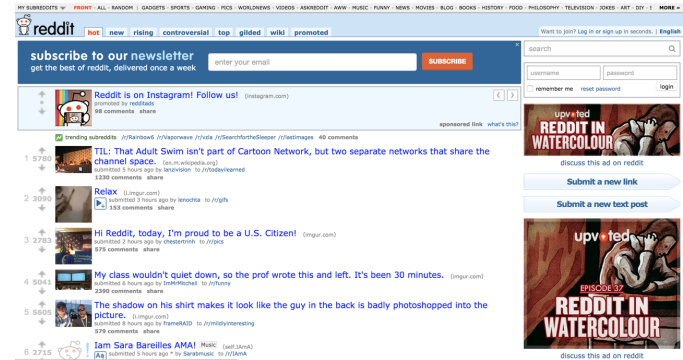
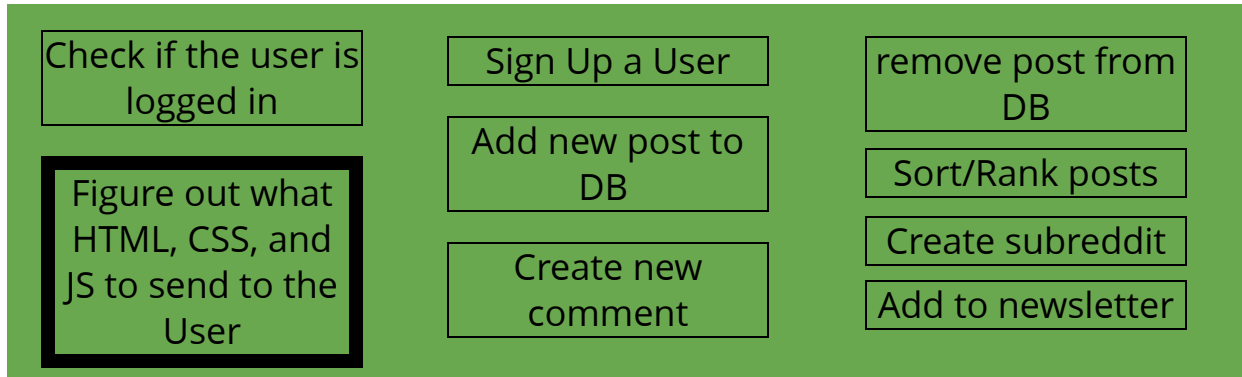
Express

MongoDB

HTML JS
CSS



Potential Backend Features



Frontend

1. Ask for reddit homepage
3. Browser renders home page
4. User enters "dogs" in search box and submits form
7. Browser renders search page

Backend

2. Get top posts from DB
send back home page content
5. Finds all posts in DB about "dogs"
6. Sends back HTML for the search results page

Where to Next?

- Reviewing HTTP Requests
- Setting up Dev Environment
- Starting Node JS
- Writing Web Apps with Express
- Adding a Database with MongoDB