

# Intro to Backend

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

1. goto url
2. get correct IP address
3. a new HTTP request is sent
4. server receives request and decide the action, render the page

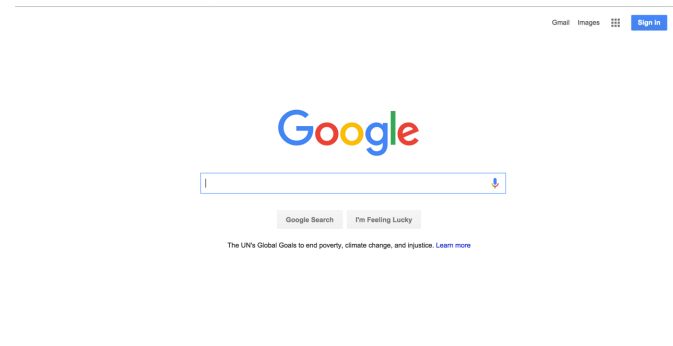
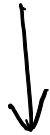
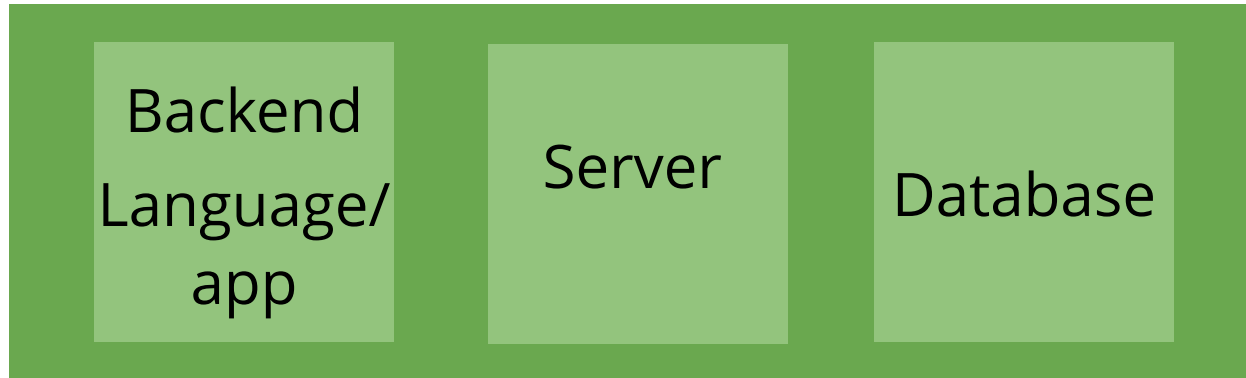
**Static**

**Vs.**

**Dynamic**

# A Generic Stack choices of the elements

Ruby, java, js



# Reddit's Stack

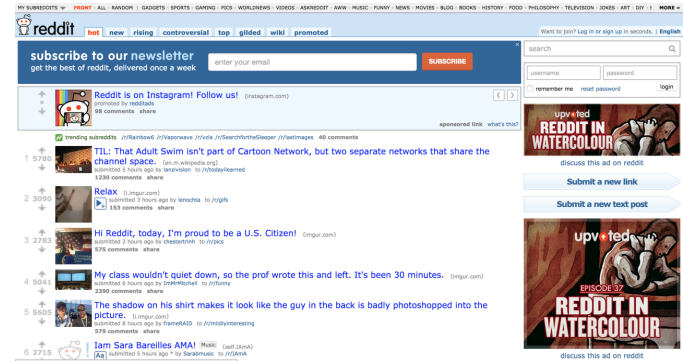
dynamic  
logic

Python  
/Flask

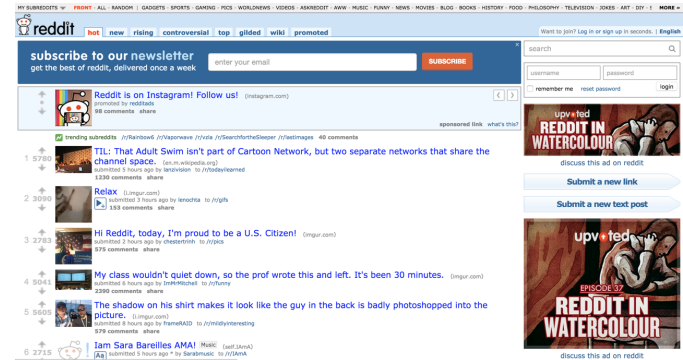
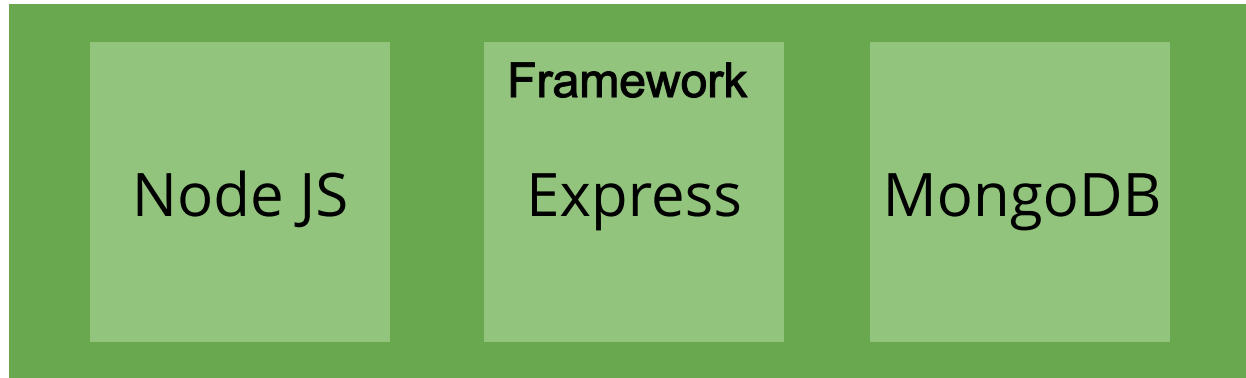
nginx

postgresql

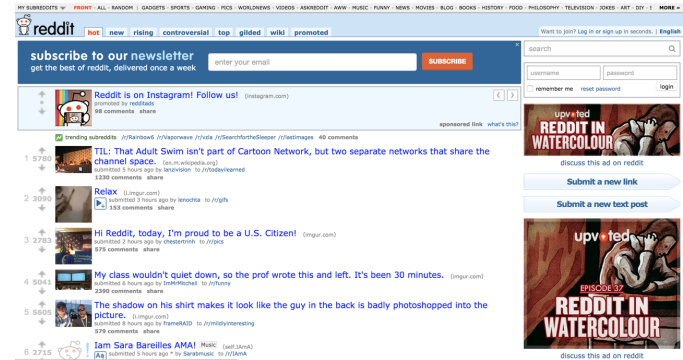
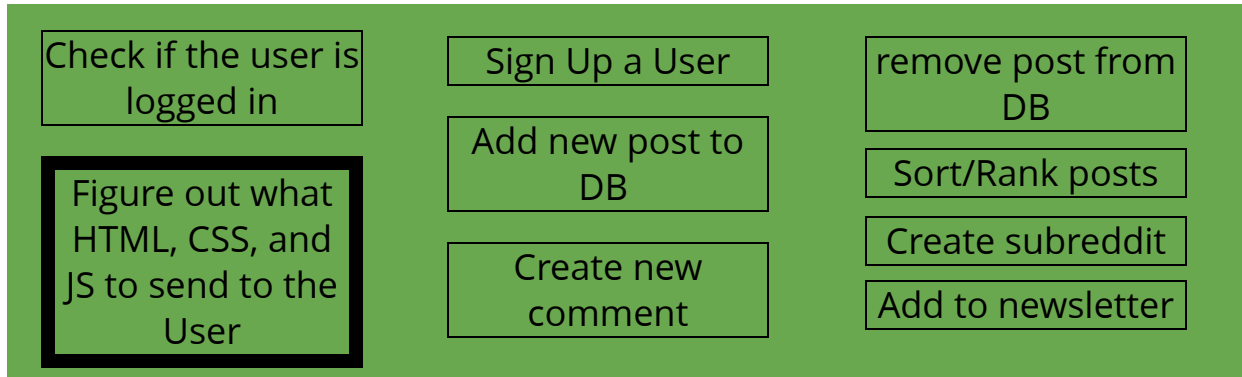
HTML JS  
CSS  
(Backbone)



# Our Stack



# 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



Postman:  
Headers: meta data

# Where to Next?

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

HTTP verb

GET: ask for data

POST: send data

PUT

PATCH

DELETE