I was a web developer

before the Internet.

INTRO TO WEB DEV

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What are we doing today?

* generating an app from a template using vue-cli

* looking at two way binding

* building it and pushing it up to heroic to deploy

How to choose your stack

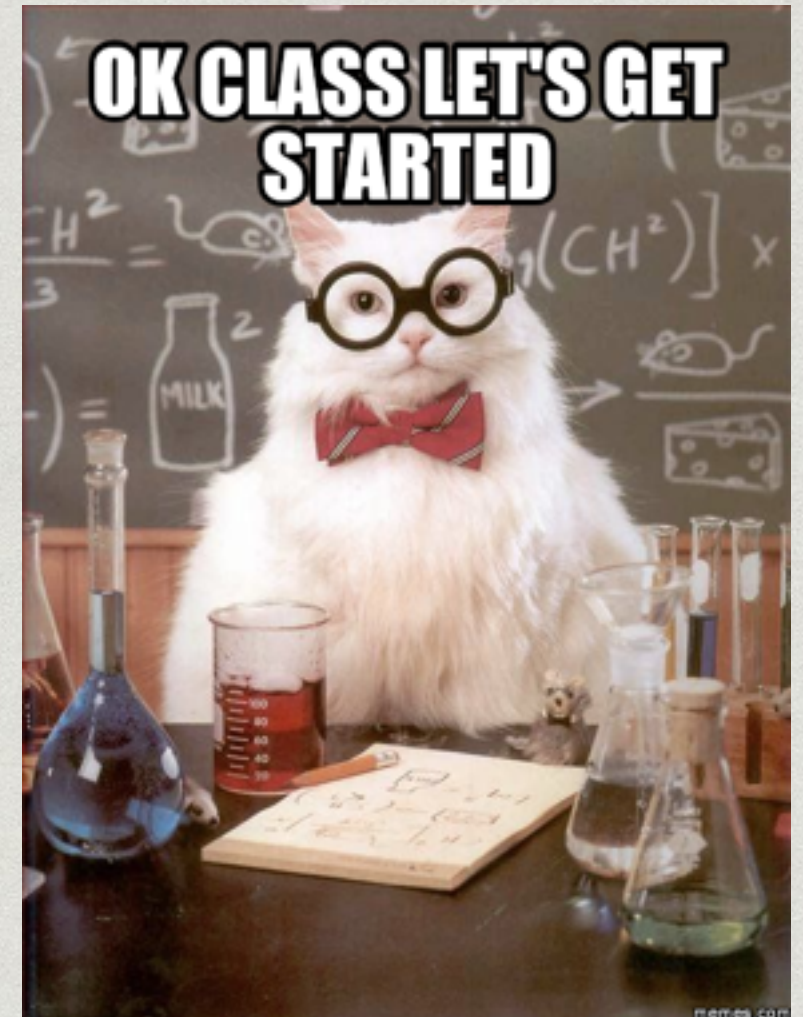# Here's what we'll be using

Deployment | **Server** | **Frontend**

Computer set up steps

✳ brew install nvm —this is your node version manager

✳ nvm install v7.4.0 — installs node you can pick a version number and later use nvm to switch between them

✳ brew install git - for version control!

✳ brew install heroku —this installs the heroku cli which we will be using to deploy our app

✳ npm install -g vue-cli — this grabs the vue-cli package so we can generate our starter app

Generating App

* vue init webpack techTalk — initialize techTalk app with webpack(discussed on next slide)

* you can also fork the vue-init repo on github to make your own template (https://github.com/vuejs-templates/webpack)

Webpack and Babel

* Babel: Takes all of your ES6 and compiles it into Javascript

* Babel: Allows you to write in "regular javascript" and tracks ES7

* Webpack: Bundles all of your files into one and processes them through loaders

* Webpack: Reduces initial loading time by asynchronously loading multiple chunks

* Webpack: resolves dependencies during compilation to reduce runtime size

ES6

* ECMAScript6

* new javascript syntax that needs to be compiled back to old syntax to work in older browsers

* $('.btn').click((event)=>{this.sendData()}) — arrow notation is new and context can now be passed without reassigning outside of the function

* promises are first class citizens!

* let(scoped to curly braces) and const(immutable) are new types of vars

So why Vue.js??

* great documentation!

* easy to use and lightweight — makes it faster

* use less jQuery which results in less code

Heroku

* make an account

* click create new app

* explore the possibilities

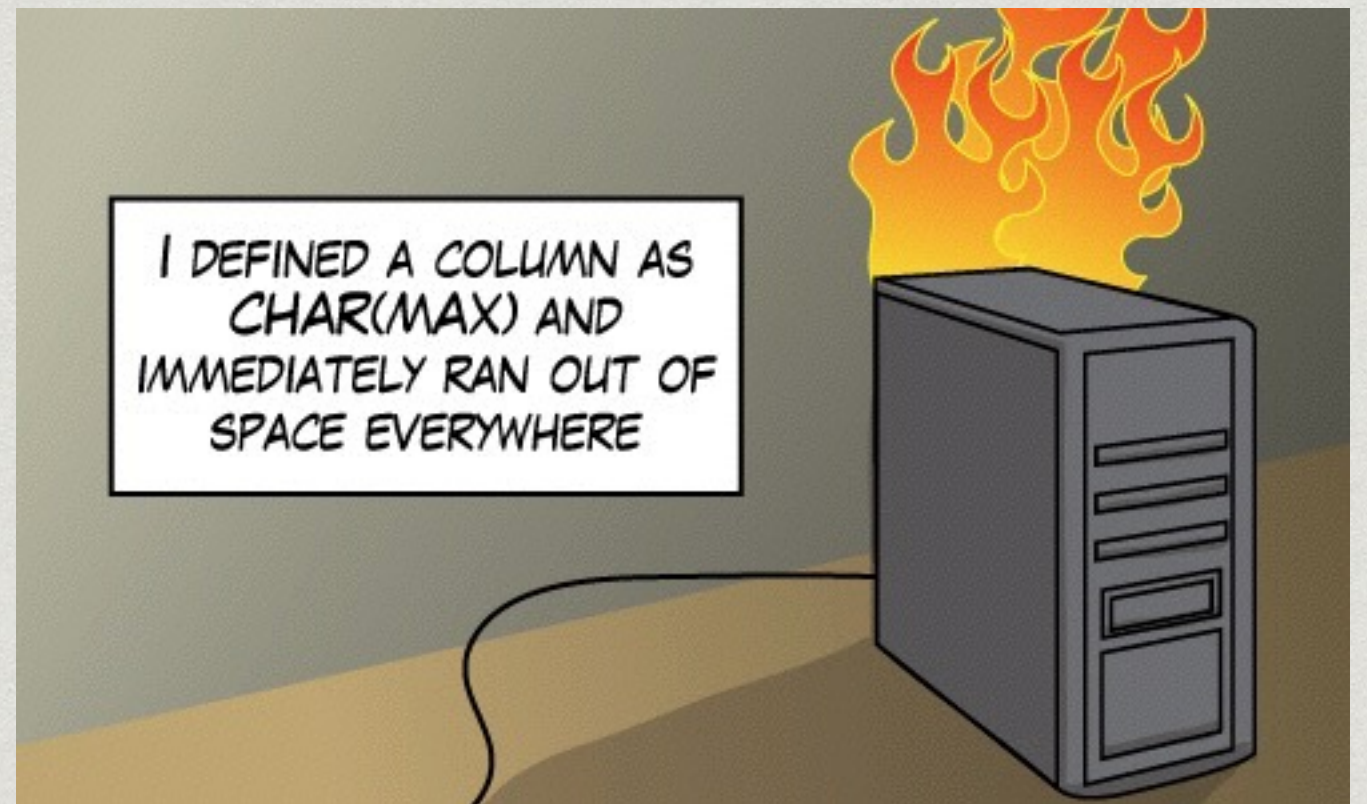# Heroku Command Line

 * heroku login

 * git init(the first time you are using the project)

 * git add .

 * git commit -m 'something meaningful'

 * heroku config:set NPM_CONFIG_PRODUCTION=false (only do this if you are using a dev environment)

 * heroku buildpacks:set heroku/nodejs

 * git push heroku master

Firebase (quick note)

* Great way to add a db to your app without needing a backend

* lightweight and easy to use

* vuefire is a wrapper package that makes it pretty clean to add in db calls

* great tutorial here: firebase tutorial

QUESTIONS?

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SLIDES AND DEMO WILL BE UP ON GITHUB.COM/SZIKANOVA/OSUTECHTALK