
First Day of Web Development

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Web Development

Creating applications on the web

Examples:

- VeraClinic (<https://a-new-spun-up-server-wc.dev.reflexionhealth.com/>)
- Gmail (<https://www.google.com/gmail/>)
- Twitter (<https://twitter.com/>)
- Berkshire Hathaway Inc. (<http://www.berkshirehathaway.com/>)
- Flexbox Froggy (<http://flexboxfroggy.com/>)
- 127.0.0.1:3000 (you'll understand this one later)



1. Intro

Choose one approach to grab the audience's attention right from the start: unexpected, emotional, or simple.

→ **What we are going to learn**

Highlight what's new, unusual, or surprising.

→ **Why we are using these technologies**

Give people a reason to care.

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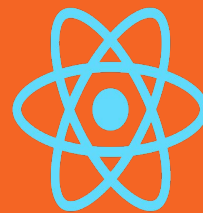
What are we going to learn...

Pretty much everything to do with web development!

(Except deployment, anything cloud related, testing... ok so maybe not everything)

Things we're learning:

- Ruby
- MySQL
- Ruby on Rails
- JavaScript
- React
- CSS
- HTML



Why Ruby and Ruby on Rails (RoR)

- Quick to spin up
- A lot of built in functionality
- (IMO) Best way to teach general MVC flow

Why JavaScript (JS) and React

- Going to need to learn JS at some point
 - React is currently the most popular front end framework
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2. Syllabus

→ **The 3-4 month plan**

What you should expect in the coming months

Syllabus

| Subject | Weeks |
|-------------------------|-------|
| HTML | 1 |
| CSS | 1-2 |
| JavaScript | 2 |
| React | 3-4 |
| Rails | 3-4 |
| Tie everything together | 1 |



3. Expectations

→ Keeping things simple

And how you shouldn't quit your day job to become a developer (unless you already are one then... yea)

→ What you should walk away with

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What do we mean by **simple**?

- We only have 1 hour each week, will try to keep the scope small
- Rough versions, getting you to know the lingo
- Examples that illustrate the basics of each language / framework



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You should walk
away with...

- The ability to create things
- Resources to continue learning about topics
- Hopefully, a better sense of what goes on in web development





4. Setup

Build confidence around your product or idea by including at least one of the these slides:

- **Text Editors**
- **Web Browser**
- **What's next?**

Text Editor

We recommend Visual Studio Code (VSCode):

<https://code.visualstudio.com/>

But if you have a preferred editor like:

- Atom
- Notepad++
- Vim
- Emacs
- ed
- Whatever you're most comfortable with (please do not use Microsoft Word)

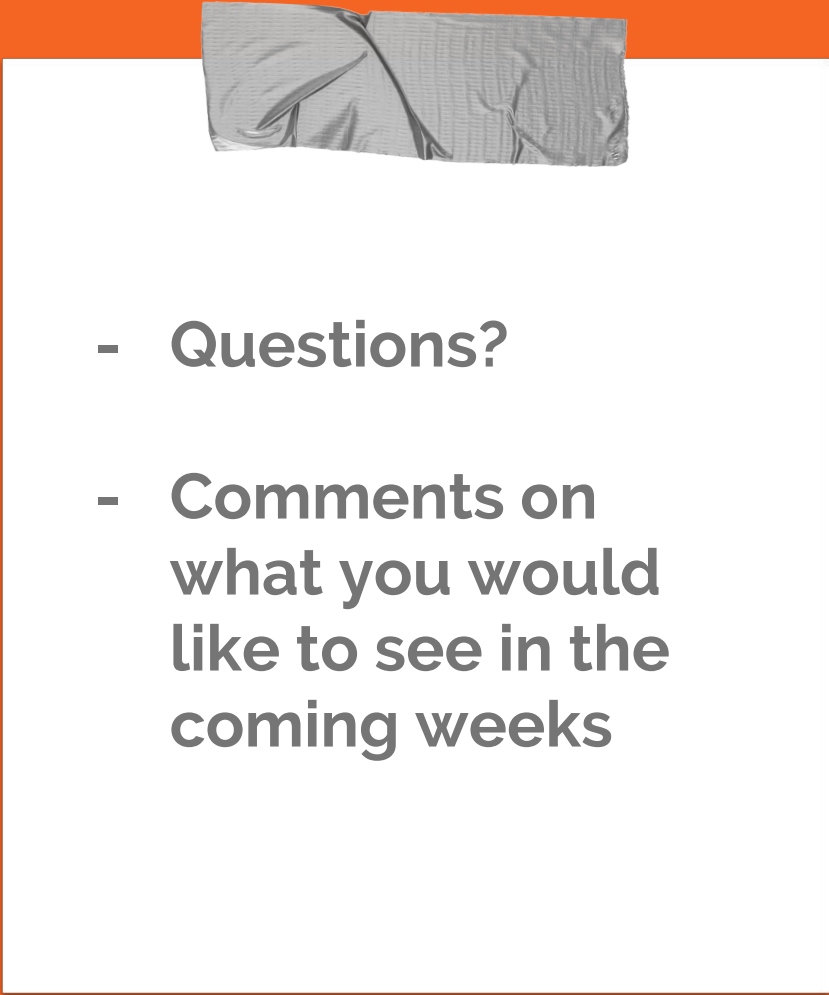
Browser

We recommend Chrome:

<https://www.google.com/chrome/b/>

But if you have a preferred browser:

- Chrome
- Chrome
- Chrome
- Not Internet Explorer
- Not Safari
- Ok, maybe Firefox (<https://www.mozilla.org/en-US/firefox/new/>)

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- Questions?
 - Comments on what you would like to see in the coming weeks