Project Overview

We are all going to publish an ongoing series of "Web Dev Cheat Sheets."

Your assignment is to choose a web topic that interests you and produce a minisite containing the following:

- A "cheat sheet" about the topic, walking a web developer through all the steps needed to use this technology. Assume an intermediate level of technical ability. Write this as if it would become an infographic or similar illustrated piece down the road. Because it will be. A step-by-step instruction sheet is fine. You and I will outline and write this together.

- A "convince your boss" type page, giving a high level overview of the topic, why it's important to the world of web design/dev, and linking to resources about the topic. Pretend you're trying to convince your boss why this topic matters.

- A demo (coded/designed by you) of the topic. If appropriate, incorporate the technology or technique into the minisite itself.

- A GitHub repository containing the entire project

I will provide any hosting/setup you need, as well as resources to get you headed in the right direction.

Sample Topics

Beginner

- PHP/MySQL (example: "*A Web Dev Cheat Sheet: Introducing PHP and MySQL*")
- The Client-Facing Process (example: "*Defining an Effective Client-Facing Web Design Process*")
- GitHub Basics
- Clientside vs Serverside Technologies (*"How the Client and Server Talk to Each Other"*)
- Introduction to RESTFul APIs
- Git with Multiple Developers (example: "*Working in teams: Effectively Using Git with Multiple Developers*")
- Content Management (example: *"What, Why and How: An Introduction to Content Management Systems."*)

Intermediate

- Firebase NoSQL Databasing (example: "*How to build an app using Firebase and Javascript*")
- WordPress Theme Development (example: "*How to create a Wordpress Theme from Scratch")*
- Task Runners (Gulp, Grunt, etc) (example: *"Using Gulp to Automate Web Development Tasks")*
- Containerized Development Tools (example: "*Using Docker"* **or** *"Using Vagrant"*)
- Continuous Integration (example: "*An Introduction to CI"*)

Advanced

- AngularJS
- NodeJS (or other server-side JS)
- MongoDB
- ReactJS
- Ionic Framework
- Websockets
- Authentication with OAuth

Other

What other topics do you want to explore? Now is the time to do it! Let me know!