Web Dev Playbook

(go from zero to hired in 6 months)

Day by Day.

Lesson by lesson.

Portfolio? Check.
Resume? Check.
Projects? Check.

Every day.
Every step of the way.

Author: Austin Beaufort

Preface:
- You CAN become a web developer in 6 months.
- I did it, and now you can too!
- These are the exact steps I took. Day by day, hour by hour, to go from zero to Developer.

About Me:
- My college degree is in education.
- I was a teacher for 2 and a half years in inner city Cleveland after graduating college.
- While teaching, I had the good fortune to help teach a STEM class for middle school students, where I (at age 26), along with my students, wrote our first line of code.
- Not sure what the whole coding thing was, but I knew then that I loved it.

- I. WAS. HOOKED.
- And NOT about to drop $20,000 on a coding bootcamp. So what to do?

- With some planning and a vision in mind, I quit my job right before Christmas break in 2018, and on January 4th, 2019 I began this journey. I worked with determination "and the threat of running out of savings" on the daily to make this dream happen.
- I am a self taught, now working as a full-time, full-stack Developer.
- I took a large gamble on myself by quitting my job to learn web development, but it paid off. I am now happier, and mentally in a better place than I was when teaching.
- All I can say is, it was totally worth it.

How to use this book:
- If you have the luxury to study full time, this course can be done in approximately 6 months .
- If you want to complete it in your spare time, that's great too! Do what you can, when you can, and work through it piece by piece, day by day and you'll get to the same destination.\
- The main key is persistence. You don't have to study 20 hours a day. Half an hour per day is more productive than 20 hours 1 day a week.
- My personal plan was to spend from 8am to 12pm learning, take a break, and then continue studying and coding from 4pm until 8pm, usually 6-7 days a week. If I was still feeling energized at 8pm I would continue coding until I got tired.

How to stay energized during the course:
- Sleep. Get enough sleep, you'll need to be alert and ready to absorb all the information coming your way.
- Frustrated? Take a break, go out for a walk, run, maybe read a book. Whatever relaxes you, do that for an hour or so. No need to be miserable, that won't help you learn.
- Work with friends, the #100daysofcode community on twitter is really supportive, I would highly recommend getting involved in that community from day one. I'm actually still involved there, but it's day 345 for me. There are also online group free workshops that I will recommend throughout the course.

Hi.

Yes. You can become a Jr. Developer in 6 months.

All it takes is some hard work and determination.

The first 30 days are a "primer" for the main 5 months and aim for a broad overview.

The following 5 months go in depth.

Still here? Great. Let's get started.

Day 1:
- @ https://www.codecademy.com/ Sign up for free.
- @ https://www.codecademy.com/learn/welcome-to-codecademy Complete this course.
- @ https://www.codecademy.com/courses/learn-html/ Start this course. Complete the first 6 lessons of "Introduction To HTML" section.
- @ twitter.com Make an account, and get involved in the #100daysofcode and #301daysofcode communities. They are full of wonderful people that can help and inspire you on your journey, and eventually, by the end of this book, you'll be the one doing the inspiring!

Day 2:
- @ https://www.codecademy.com/courses/learn-html/ Finish Intro To HTML Section.
- @ http://www.asmarterwaytolearn.com/htmlcss/index-of-exercises.html This will get you learning the syntax of javascript quickly. It thrives on repetition and being strict about decent code writing. I owe my solid foundation in writing "decent" JavaScript to this book. Complete Chapter 1 "Alerts" Today. This first link is the exercises, the following link is the chapters that go along with the exercises.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 3:
- @ https://www.codecademy.com/courses/learn-html/ Complete all lessons in "HTML Document Standards" section.
- If you are remembering everything, great. If not, don't worry, I didn't understand everything the first time through the material. There will be many chances to learn more HTML along the way, it's integrated throughout the entire course.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 2, 3, and 4. "Variables for Strings", "Variables for Numbers", and "Variable Names, Legal and Illegal". Book link below. These exercises are all about vocabulary and syntax. They build the foundations for the upcoming weeks.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 4:

- @ https://www.codecademy.com/courses/learn-html/projects/fashion-blog Make your first webpage with HTML! Make sure to meet all the requirements, it may seem "extra", but it will help your coding skills.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 5, 6, and 7. "Math Expressions: Familiar Operators", "Unfamiliar Operators", and "eliminating ambiguity." Book link below.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf
- It may feel repetitive writing JavaScript syntax over and over again without building anything. I get it, but just keep going. Trust me, it will pay huge dividends when you are unleashed on a code editor very soon. You will already have the syntax down, so you can actually focus on the concepts instead of syntax.
- In a language, to write a decent "story", you have a basic punctuation, grammar, and spelling skillset. That is what you are doing here, quickly building those skills.

Day 5:

- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Sign up on udemy, and get this course. I owe a lot of my initial development knowledge to Colt Steele's intro to web dev course.
- This course will set you up for success when things ramp up in the second month.
- Complete the "Introduction to This Course" Section. Read over the syllabus, if you want to get a head start on the first section. Get settled in, the learning and fun are about to begin!
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 8, 9, and 10. "Concatenating text strings", "Prompts", and "if statements" Book link below.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 6:

- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 2 "Introduction to Front End Development"
- @ https://www.youtube.com/playlist?list=PLME-KWdxI8dcaHSzzRsNuOLXtM2Ep_C7a Watch videos one and two in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 11, 12, and 13.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 7:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 3 "Introduction to HTML" I would recommend Completing the entire thing once in the morning, and then doing the entire section again in the evening so it sticks better.
- @ https://www.youtube.com/playlist?list=PLME-KWdxI8dcaHSzzRsNuOLXtM2Ep_C7a Watch video 3 in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 14, 15, and 16. Book link below.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 8:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 4 "Intermediate HTML". I recommend the same formula as yesterday, once in the morning and once in the evening.
- @ https://www.youtube.com/playlist?list=PLME-KWdxI8dcaHSzzRsNuOLXtM2Ep_C7a Watch video 4 in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 17, 18, and 19.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 9:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 5 "Introduction to CSS". If you are remembering everything, great. Again, if you are not, don't panic, I definitely did not remember everything the first time through. You will be writing HTML and CSS throughout most of the 6 months. There will be plenty of time to practice.
- @ https://www.youtube.com/playlist?list=PLME-KWdxI8dcaHSzzRsNuOLXtM2Ep_C7a Watch video 5 in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 20, 21, and 22.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 10:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 6 "Intermediate CSS"
- @ https://www.youtube.com/playlist?list=PLME-KWdxI8dcaHSzzRsNuOLXtM2Ep_C7a Watch video 6 in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 23, 24, and 25.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 11:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 7 "Bootstrap"
- Bootstrap is a popular choice and one of many CSS Frameworks, if you are interested in seeing other frameworks, google "CSS Frameworks". You'll soon find out that developers are great at googling things!
- @ https://www.youtube.com/playlist?list=PLME-KWdxI8dcaHSzzRsNuOLXtM2Ep_C7a Watch video 7 in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 26, 27, and 28.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 12:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 8 "Bootstrap 4!"
- @ https://www.youtube.com/playlist?list=PLME-KWdxI8dcaHSzzRsNuOLXtM2Ep_C7a Watch video 8 in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 29, 30, and 31.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 13:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 9 "Bootstrap: Flexbox and Layout"
- Floats, Flexbox, Grid, there are many techniques that can be used to layout a webpage. You'll be introduced to them all throughout this course.
- @ https://www.youtube.com/playlist?list=PLME-KWdxI8dcaHSzzRsNuOLXtM2Ep_C7a Watch video 9 in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 32, 33, and 34.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 14:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 10 "Introduction to JavaScript"
- To this day I am still learning new things about JavaScript. And I always will be. Some topics may not make sense the first time, and that's ok. If they do make sense the first time, even better!
- @ https://www.youtube.com/playlist?list=PLME-KWdxI8dcaHSzzRsNuOLXtM2Ep_C7a Watch video 10 in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapter 35.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 15:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 10 "Introduction to JavaScript". This one I recommend completing twice, once in the morning and once in the evening.
- @ https://www.youtube.com/playlist?list=PLME-KWdxI8dcaHSzzRsNuOLXtM2Ep_C7a Watch video 10 in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapter 36 and 37.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 16:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 11 "JavaScript Basics: Control Flow".
- @ https://www.youtube.com/playlist?list=PLME-KWdxI8dcaHSzzRsNuOLXtM2Ep_C7a Watch video 10 in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapter 38.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 17:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 12 "JavaScript Basics: Functions".
- Functions are a large part of JavaScript, that again didn't make sense to me at first, but made more sense over time as I studied them. I'm still learning new things about functions on the daily at work.
- @ https://www.youtube.com/playlist?list=PLME-KWdxI8dcaHSzzRsNuOLXtM2Ep_C7a Watch video 11 in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 39, 40, 41, and 42.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 18:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 13 "JavaScript Basics: Arrays".
- @ https://www.youtube.com/playlist?list=PLME-KWdxI8dcaHSzzRsNuOLXtM2Ep_C7a Watch last video in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 43 and 44.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 19:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 14 "JavaScript Basics: Objects".
- @ https://www.youtube.com/playlist?list=PL0eyrZgxdwhwNC5ppZo_dYGVjerQY3xYU Code along with videos 1 through 5 in this series. It's a solid review of HTML and CSS.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 45 and 46.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 20:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 15 "DOM Manipulation".
- DOM Manipulation is where you'll start using the JavaScript to interact with your HTML/CSS, an exciting day!
- @ https://www.youtube.com/playlist?list=PL0eyrZgxdwhwNC5ppZo_dYGVjerQY3xYU Code along with videos 6 through 10 in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 47, 48, 49, and 50.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 21:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 15 "DOM Manipulation".
- @ https://www.youtube.com/playlist?list=PL0eyrZgxdwhwNC5ppZo_dYGVjerQY3xYU Code along with videos 6 through 10 in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 51 and 52.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 22:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 16 "Advanced DOM Manipulation".
- @ https://www.youtube.com/playlist?list=PL0eyrZgxdwhwNC5ppZo_dYGVjerQY3xYU
- Code along with videos 11 through 15 in this series.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 53, 54, and 55.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 23:
- @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete Section 17 "Color Game Project".
- The "Color Game Project" was definitely over my head the first time I went through it, but over time as I went back to the project, it made more sense. A fun project that has many valuable lessons.
- @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 56 and 57.
- @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 24:
- ● @ http://www.asmarterwaytolearn.com/js/index-of-exercises.html Complete Chapters 58, 59, 60, and 61.
- ● @ https://github.com/Sharique-Hasan/SaylaniBatch2-JavaScript/blob/master/A%20Smarter%20Way%20to%20Learn%20JavaScript.pdf

Day 25:
- ● @ https://www.youtube.com/playlist?list=PL0eyrZgxdwhwNC5ppZo_dYGVjerQY3xYU
- ● Code along with videos 16 - 18 in this series. Learn about responsive design.

Day 26:
- ● @ https://javascript.info/ Code along with lessons 2.1 through 2.10, this will look familiar!
- ● Studying the same material from many different people and viewpoints is valuable to absorbing all the information there is to know about a topic. With many viewpoints, you can see the bigger picture.

Day 27:
- ● @ https://javascript.info/ Code along with lessons 2.11 through 2.17.

Day 28:
- ● @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete sections 18, 19 and 20.
- ● 18 and 19 are on jQuery. Some people propose that jQuery is "dead". This is far from the truth. Go to indeed.com and type in jQuery. Point proven. There are many jobs that require jQuery, or it is "nice to have." Totally worth learning.

Day 29:
- ● @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete section 21.
- ● This was one of my favorite projects up until this point, enjoy!

Day 30:
- ● @ https://www.udemy.com/course/the-web-developer-bootcamp/ Complete sections 22 and 23.
- ● Today is a glimpse into the world of backend development and using the command line.