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HW 1 – Summary: two articles - [Roadmap to becoming a web developer](https://github.com/kamranahmedse/developer-roadmap) and [A Guide to Becoming a Full-Stack Developer in 2017](https://medium.com/coderbyte/a-guide-to-becoming-a-full-stack-developer-in-2017-5c3c08a1600c)

I have learned that if I want to become a web developer, I should focus on some languages and tools; and clearly understand the path of a web developer. The web developer will be divided into two parts: Front-end and Back-end. First, front-end developer designs and build a website using HTML/CSS, JavaScript, or using the framework as React.js, angular, vue.js. Moreover, they can build mobile or desktop applications using React Native or Electron. Second, the back-end developer will make the server, application, and database communicate with each other. Therefore, they have to learn some languages like Java, C#, PHP, JS, Python, and Ruby for the server and know .Net, SQL, MySQL, PostgreSQL, MongoDB, and Firebase for application and database. Furthermore, whether you are the front-end or Back-end, you must know how to use GitHub or bitbucket, architecture pattern, some API, basic algorithms, and data structures. Lastly, if you want to become a full-stack developer, you should learn about the front-end and back-end. You do not need to learn everything, but make sure you can work on both sides. After reading these articles, I confidently tell someone what is different between front-end, back-end, and full-stack. Also, I realize that I have to focus on databases because data is so important; whatever jobs I choose, you have to know how to deal with databases.