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### **Reading Summary**

Prior to taking this class I had no experience with web development, so I learned a lot from the video and readings.

Full stack development is the most popular developer occupation, and it includes both front end which is what users see and interact with; as well as back end, which is what handles the website logic, database interactions, server connections, etc. To become a full stack dev, or any web dev, you need to have a deep understanding of HTML and CSS as they are the foundations of all web development, as well as JavaScript as it is one of the most popular languages for companies to use as it can run natively in browsers. The back end portion of development has a variety of languages that are used by companies with SQL being the most common and Python being one of the easier ones to learn.

In addition to the languages that are used in web development, there are also a number of different concepts that you should have a good understanding of. Some of these include databases and the storage of data, as well as tradeoffs that are associated with different methods of implementing them. Although they are not always completely necessary it is also good to have an understanding of some basic algorithms and data structures as it can prove useful for optimization and problem solving. Git is also a widely used tool that is useful when working on a project with others since it allows you to keep track of changes in the codebase and also update and fix the code in it.

Finally, one of the most important things that needs to be done to become a web developer is to practice. Learning all of the basic tools and skills associated with the profession is important and necessary, but it is meaningless if you don't learn how to architect and design applications and projects that are able to use all of the skills you've learned.