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# Overview of Scrollytelling Project

## Bodymovin

A picture containing application

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1. Bodymovin is an Adobe After Effects extension. It is used to export Adobe After Effects animations as .json files. The download link is in here <https://aescripts.com/bodymovin/>.
2. Not all Adobe After Effects features are supported. The supported features are as listed in the link above.

## JavaScript Libraries

Icon

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1. Lottie-web is used to load the .json files onto the webpage.
2. ScrollTrigger by GSAP is used to sync the .json files (the animations) to the user’s scroll, as well as to set different parameters to tweak the scrollytelling experience.
3. The links to the respective libraries are as follows.
   1. Lottie-Web: <https://github.com/airbnb/lottie-web/wiki/loadAnimation-options>
   2. ScrollTrigger: <https://greensock.com/docs/v3/Plugins/ScrollTrigger>
4. The code that I used for scrollytelling is a combination of both lottie-web and scrolltrigger. Most of the code that I have used came from here. <https://github.com/chrisgannon/ScrollLottie>. I will explain the codes more in depth later on in this guide.

# Useful Links for Beginners to Web Development

1. Knowing basic HTML, CSS and JavaScript will help greatly.
2. These are the two crash courses I feel is good for beginners to web development.
   1. HMTL&CSS: <https://www.youtube.com/playlist?list=PL4cUxeGkcC9ivBf_eKCPIAYXWzLlPAm6G>
   2. JavaScript: <https://www.youtube.com/playlist?list=PL4cUxeGkcC9haFPT7J25Q9GRB_ZkFrQAc>
   3. You do not need to watch all the videos, just watch to the point you feel that you understand enough to continue on with this project.