



## Software Engineering Career Track

### Capstone One: Step One - Pick Project Ideas

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You're about to tackle step one of your first capstone project! To review the other steps of the project, [refer to this document](#).

#### **Pick Your Initial Project Ideas (2-3 Hours)**

The first step of your capstone involves brainstorming the kinds of sites you'd like to build and exploring available APIs.

##### **Exploring APIs**

Please note that you won't need to finalize your choice of API until Step Three. For this step, we want you to explore available APIs to get a sense of the kind of data you can choose to work with, which should help to inform the project ideas you come up with.

- Please restrict your search to APIs that are free to access (happily, there are thousands available!)
- Get started with this [APIs List](#) but feel free to explore other resources too

##### **Identifying Initial Project Ideas**

Please come up with three project ideas for sites you'd like to build. These should be sites that you're interested in working on but should not be too complex. Refer to the Project Overview document for examples. Please keep in mind that you are going to spend 45-65 hours working on this capstone project. Be sure to reach out to your mentor if you're ever feeling stuck as you brainstorm.

## Submitting Your Ideas

- Create a Google Doc labeled “Capstone Ideas [Your Name]”.
- Write a short blurb explaining each of your ideas.
  - Be sure to highlight the idea that you think you’d most like to work on.
  - The blurb should, at a high level, describe the problem and the data you’ll be using to solve it. At this point, there’s no need to talk about specific tools and technologies.
- Post the blurb, with a title, to your Slack community and solicit feedback from other students.
- Submit your ideas to your mentor for review. Work with them to narrow in on the idea that you will move forward with.

**Note:** The goal of this project isn’t to create something that’s never been done before. We want you to work on a challenging project that will incorporate all of the back-end skills you’ve been developing and some of your front-end skills from the last section. You can create a website similar to one that already exists, or use a popular API.

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