



TASK

Version Control III: Deployment of Static Websites

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Introduction

WELCOME TO THE DEPLOYMENT OF STATIC WEBSITES TASK!

In this task, you will push the webpage that you created in the previous Capstone task to GitHub. From GitHub, you will use GitHub Pages to host your webpage and make it visible to the rest of the world. By the end of this task, you will have a URL that you can make available to others so that they can view your work.



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GITHUB PAGES

To make a webpage visible to the rest of the world, it needs to be hosted on a web server. There are various options for deploying web pages to web servers. In this task, you will be pushing your webpage to GitHub and using GitHub Pages to host your personal webpage.

GitHub allows one to host and easily publish web pages using GitHub Pages. GitHub Pages is available for free in public repositories.

There are certain restrictions regarding the use of GitHub Pages. As stated by [GitHub](#), “GitHub Pages is **not intended** for or allowed to be used as a free web hosting service **to run your online business, e-commerce site**, or any other website that is primarily directed at either facilitating commercial transactions or providing commercial software as a service (SaaS).”

Besides that, GitHub lists the following usage limits for GitHub pages:

- “Published GitHub Pages sites may be no larger than 1 GB.
- GitHub Pages sites have a soft bandwidth limit of 100GB per month.
- GitHub Pages sites have a soft limit of 10 builds per hour.”

Compulsory Task 1

In this task, you are going to be deploying your previous Capstone Project using GitHub Pages.

Follow these steps:

- Open GitHub and create a repository in which you will store your project. Remember to initialise your repository with a README. Make sure it is set to “Public” so that you can deploy to GitHub Pages.
- Click the “Upload Files” button and select all the files in your project to upload.
- Commit changes and publish that branch.

- If you don't have that option, you may need to go to Settings (the cog icon) in your repository, scroll down to the GitHub Pages section, and under Source select "master branch".
- You can now visit your own website using the URL **<https://username.github.io/repoName>** (with your username in place of 'username', and your repository's name in place of 'repoName').
- For more information, go to <https://pages.github.com/> and <https://help.github.com/en/github/working-with-github-pages/creating-a-github-pages-site>.
- Take a screenshot of your deployed website that includes the URL in the shot and save it to this task's folder.

Compulsory Task 2

In this task, you are going to be creating a personal webpage. Make sure that this webpage acts as a resume and introduces you to the world effectively. Strike a balance in your content — this webpage should show more of your personality than a typical CV but it should still be professional.

Follow these steps:

- Create an HTML page called **index.html**.
- On this page add any elements you would like to create a webpage that acts as an online CV. This is your personal webpage, so feel free to customise it to suit your needs but make sure that you include at least the following:
 - A short bio. Add a short (no more than about three paragraphs) description of yourself. Who are you? What is your experience? What are your passions? What motivates you? What is it that you would most like to do? Etc.
 - Your contact details. E.g. name, contact number, email address, links to any of your (professional) social media including LinkedIn. An image of yourself.
 - A list of your skills and competencies.
 - Describe your education.
 - Describe your work experience.
 - As you progress through this course you can keep adding to this personal webpage. For example, in the near future, you can describe

some projects that you have worked on and add links to the code (in GitHub).

- Add links to any blog posts or articles that you have written.
- Use CSS to style and position the elements on your webpage as attractively as possible. Feel free to use style libraries like [Bootstrap](#).
- Create a new repository for this task called MyCV.
- Following the steps in Compulsory Task 1, deploy your webpage using GitHub Pages.
- Add the **index.html** file from this task into this task's folder as well as a screenshot of your deployed webpage.



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