How to create a portfolio using React?

Pre-requisites:

1. Install npm. Follow the instructions on this link:

   https://www.npmjs.com/get-npm

2. AWS Account. Free Tier for 12 Months.

3. Optional:

   An IDE to work on this project.

Let's Start!

1. Download the portfolio template in your working folder (in your computer).

2. Open the portfolio folder, and Run command: npm start

3. A template of a web portfolio will be hosted in your localhost.

4. Open the portfolio folder in an Integrated Development Environment (IDE).

5. Have your head shot picture ready!

6. Go to images folder and replace headshot.jpg with your headshot.jpg.

7. Open src folder, and then components -> slidebar.jsx

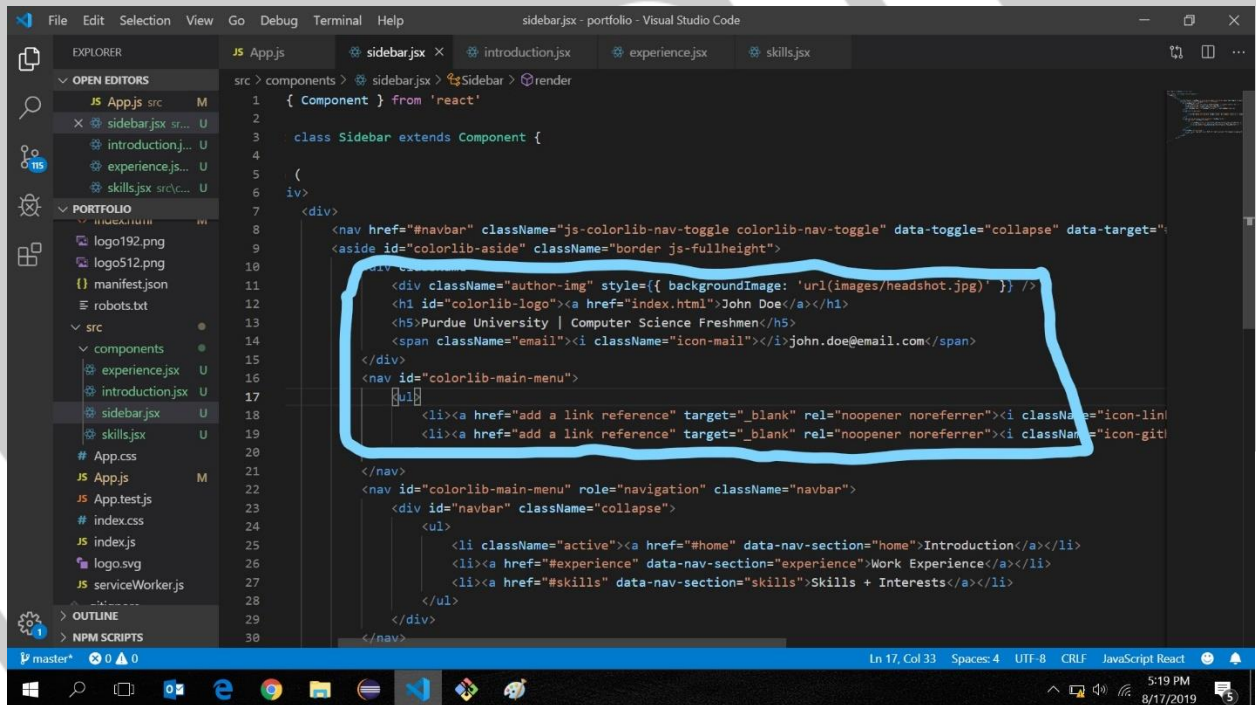*Author*: Saugat Adhikari
Portfolio: www.saugat-adhikari.ga
GitHub: https://github.com/isauadh/web-portfolio
Reference: https://colorlib.com/

8. Change the highlighted items with your details!

9. Delete "add a link reference" and put the link to your LinkedIn profile in the first one and GitHub profile in the second one. If you don't have one, please ignore.

10. Refresh your template web portfolio hosted on localhost to see the changes.

11. Similarly, go to components -> introduction.jsx.

12. Have another picture of you with a light background ready! (If you don't have it right now, remember you can change it later!)
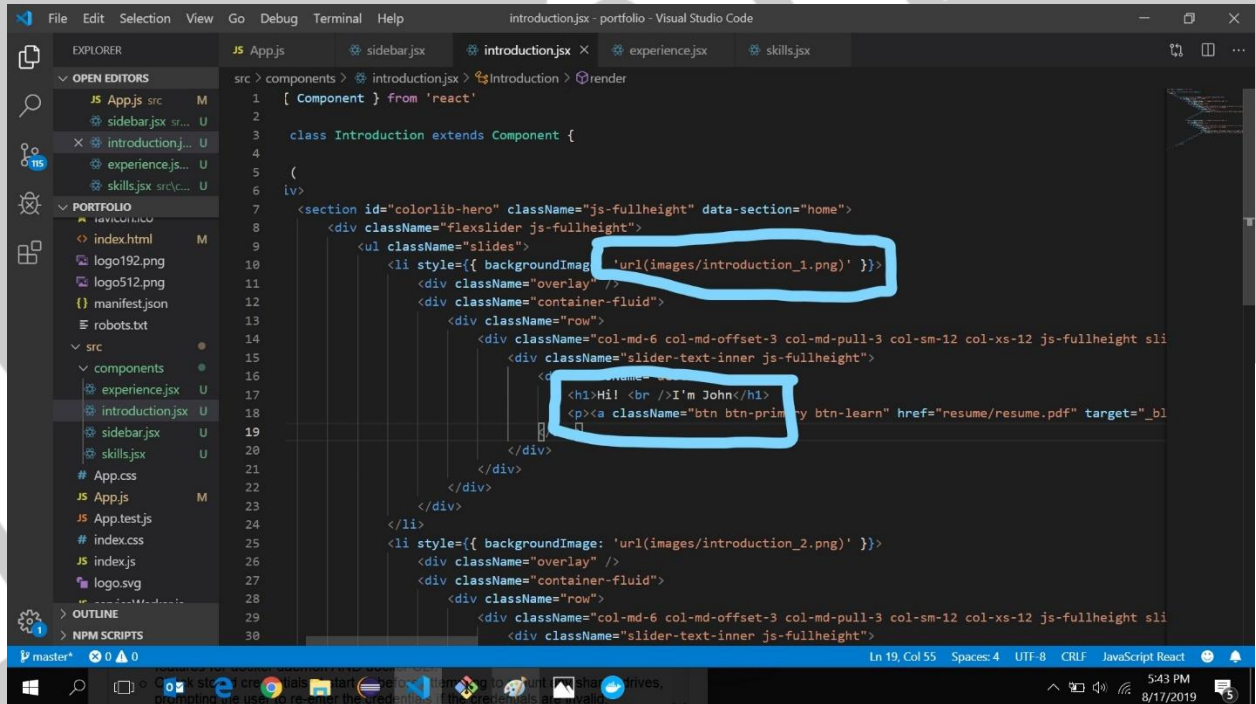
13. Go to images, drop your image here.

14. Change the url: images/introduction_1.png with url:

    images/your_image_name.ext.

15. Change I'm John with your desired name.

16. If you have a pdf/docx resume of yours, then drop your resume.pdf under

    resume folder. (If you didn't replace it, then you don't have to do anything.

    If you did, then change the href: "resume/resume.pdf" with href:
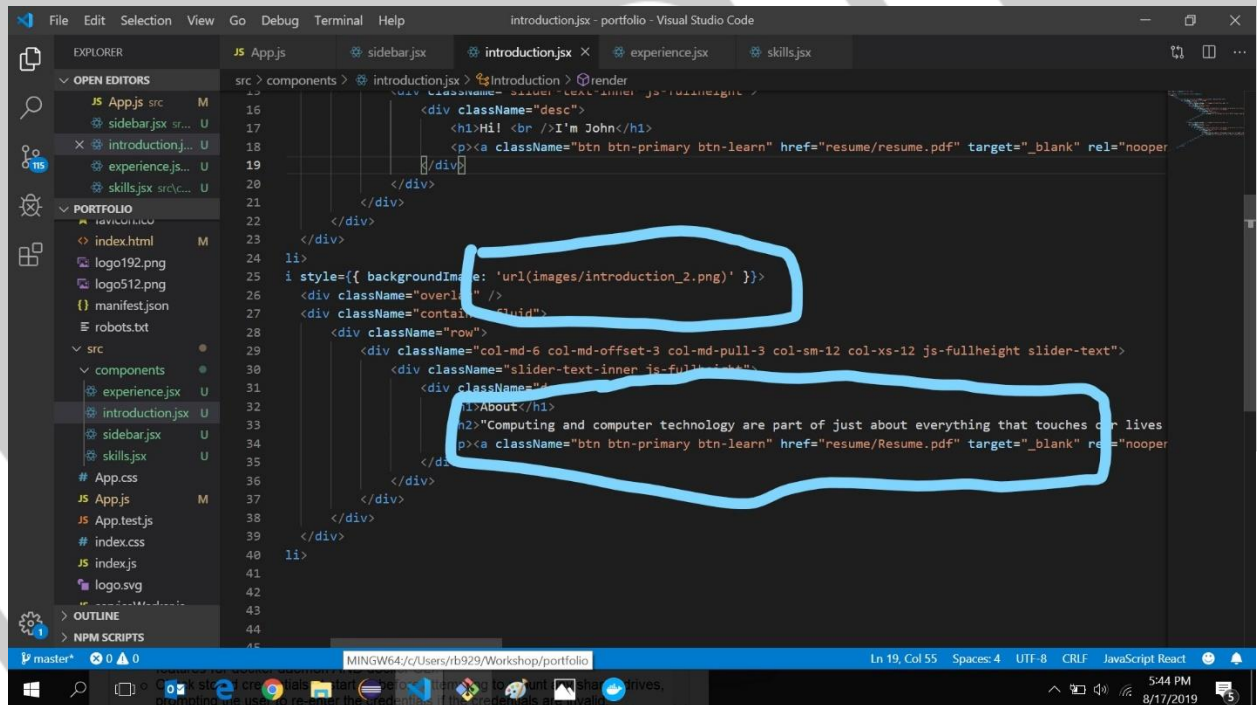
    "resume/your_resume.ext"

Author: Saugat Adhikari
Portfolio: www.saugat-adhikari.ga
GitHub: https://github.com/isauadh/web-portfolio
Reference: https://colorlib.com/

17. Change the <h2></h2> tag with something interesting about yourself.

18. Refresh your template web portfolio hosted on localhost to see the changes.

19. Go to components -> experience.jsx.

20. Change the highlighted <h2></h2>, <i></i>, and tags with your

information.

Author: *Saugat Adhikari*
Portfolio: www.saugat-adhikari.ga
GitHub: https://github.com/isauadh/web-portfolio
Reference: https://colorlib.com/

21.Refresh your template web portfolio hosted on localhost to see the changes.

22.Go to components -> skills.jsx.
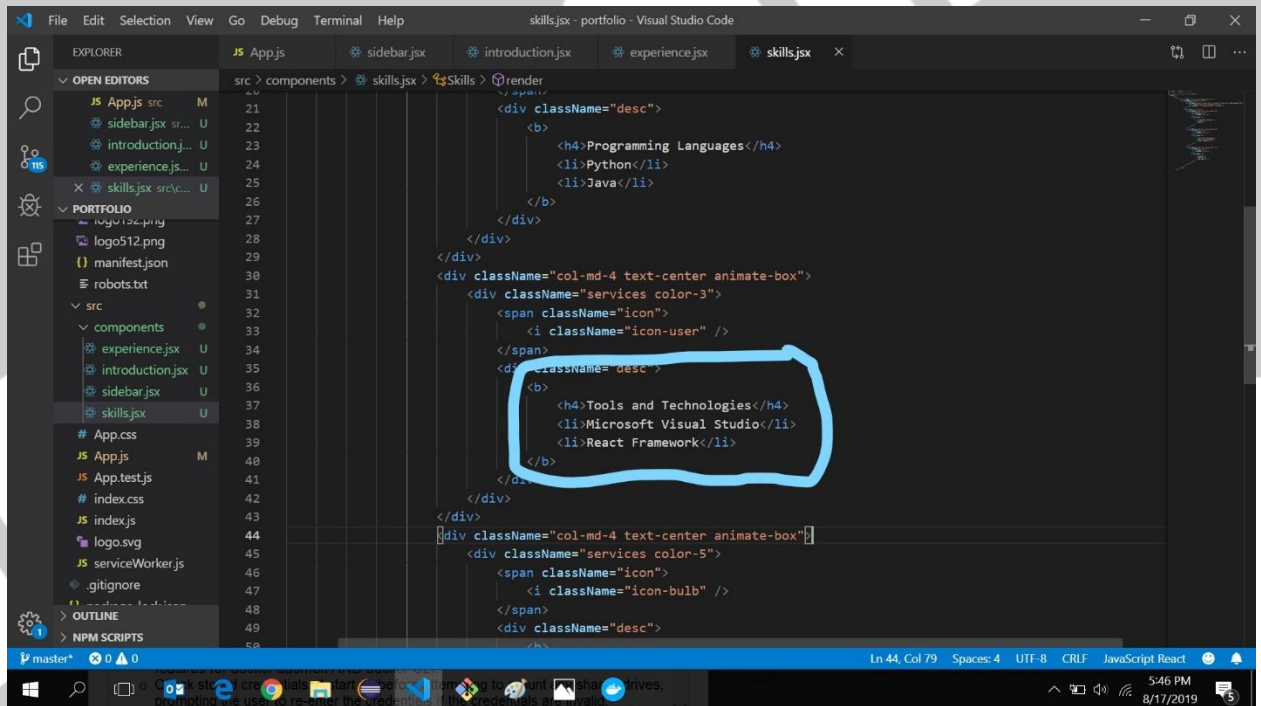
Author: *Saugat Adhikari*
Portfolio: *www.saugat-adhikari.ga*
GitHub: *https://github.com/isauadh/web-portfolio*
Reference: *https://colorlib.com/*

23. Similarly, Change <h4></h4> and tags shown in the highlighted

picture.

Author: *Saugat Adhikari*
Portfolio: *www.saugat-adhikari.ga*
GitHub: *https://github.com/isauadh/web-portfolio*
Reference: *https://colorlib.com/*

24. Do not forget to save your changes!

25. Refresh the template web portfolio hosted in localhost.

Author: *Saugat Adhikari*
Portfolio: *www.saugat-adhikari.ga*
GitHub: *https://github.com/isauadh/web-portfolio*
Reference: *https://colorlib.com/*

26. Voila! You have your own web portfolio now.

27. Time to get your build folder: Open a terminal with path pointed to portfolio folder; Run command: npm build

28. After this process is complete, you will see a build folder.

Host your portfolio using Amazon S3

1. Open your Amazon AWS Account.

2. Click on Services, then Search S3.

3. Open Amazon S3.

4. Click on create bucket.
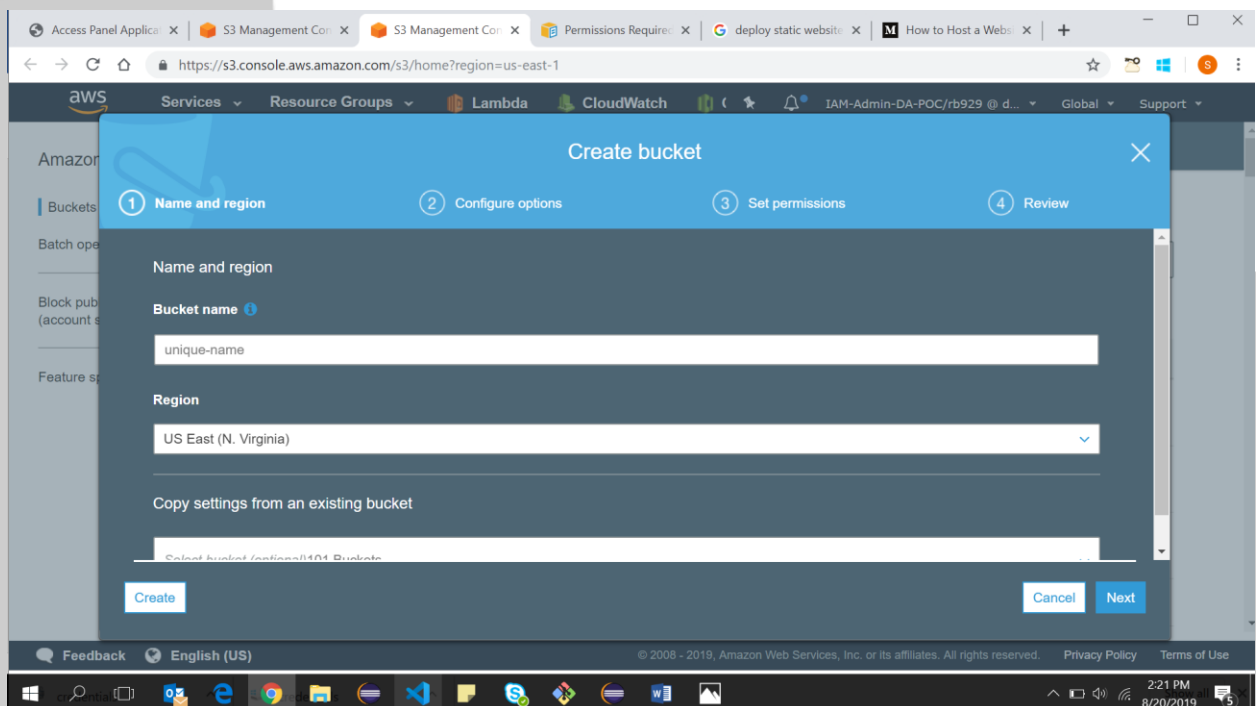
5. Enter the bucket name. Remember the bucket name must be unique globally.

Author: Saugat Adhikari
Portfolio: www.saugat-adhikari.ga
GitHub: https://github.com/isauadh/web-portfolio
Reference: https://colorlib.com/
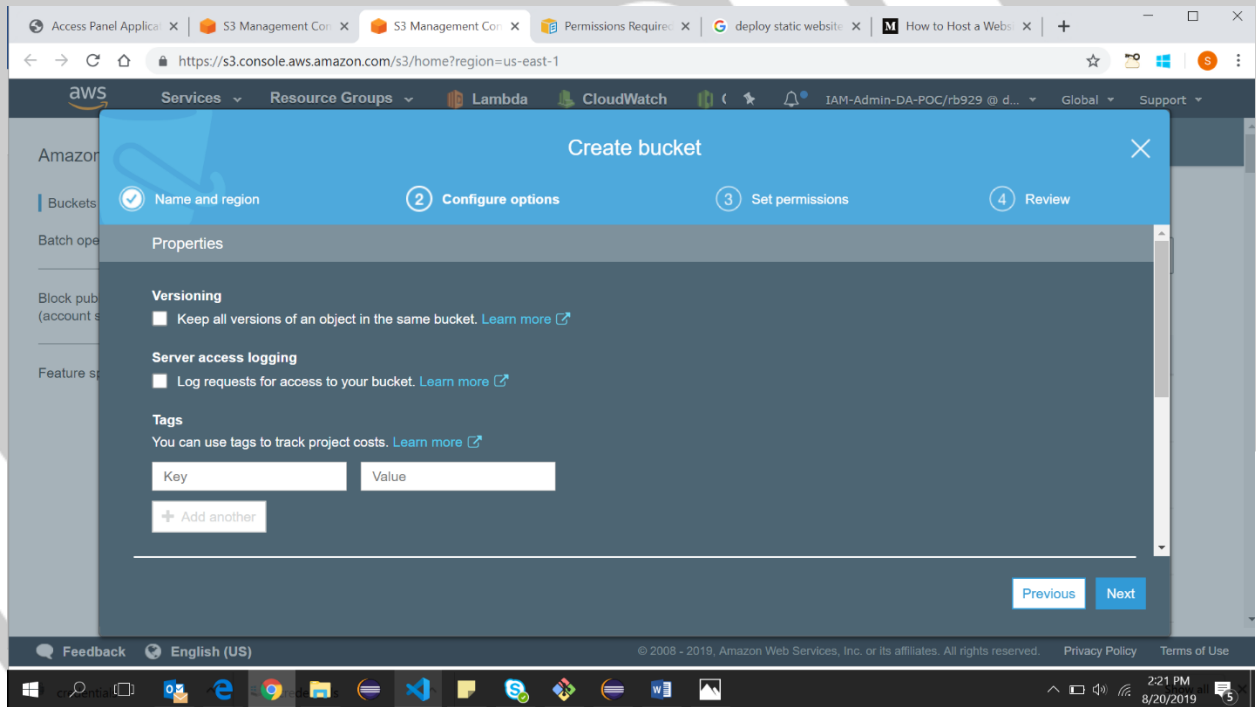
6. Click on Next.

7. Click on Next again.

8. Now you are on Permissions page.

9. Unselect Block all Public Access.

Author*: Saugat Adhikari*
Portfolio*: www.saugat-adhikari.ga*
GitHub*: https://github.com/isauadh/web-portfolio*
Reference*: https://colorlib.com/*
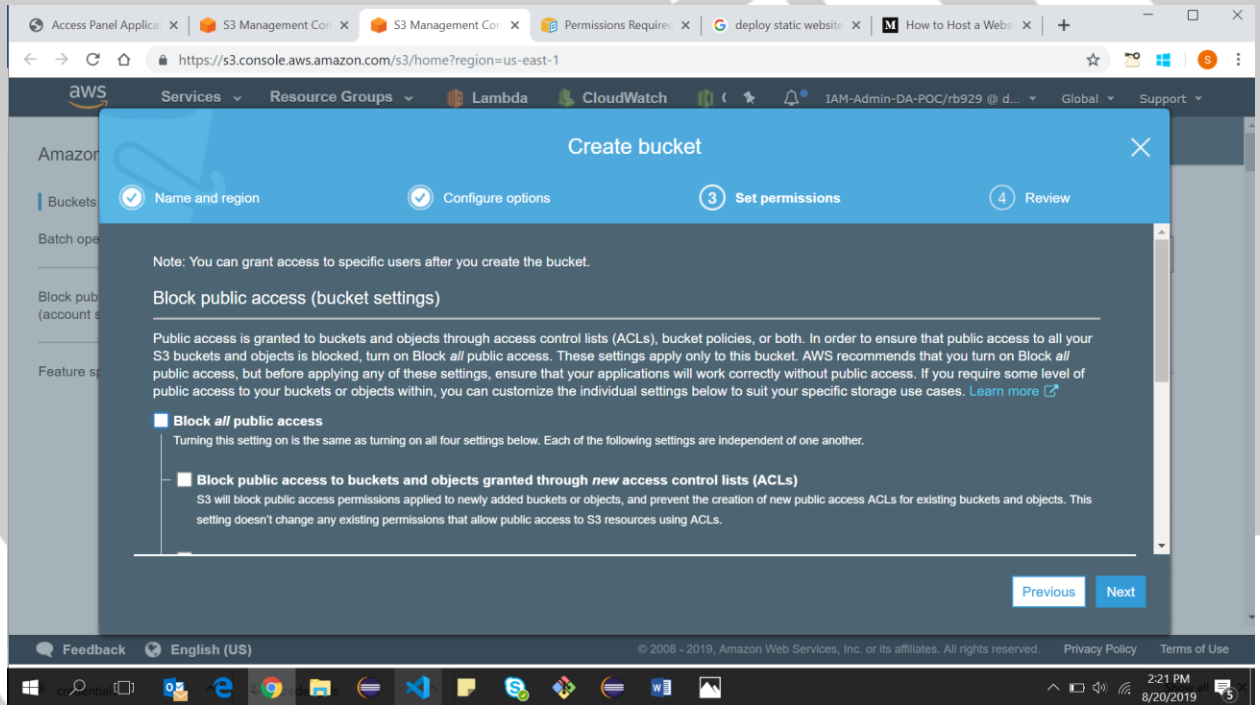
10.Click Next and Create bucket.

11.Select your bucket.

12.Click on Properties.

Author: *Saugat Adhikari*
Portfolio: *www.saugat-adhikari.ga*
GitHub: *https://github.com/isauadh/web-portfolio*
Reference: *https://colorlib.com/*

13. It will take you to this page.
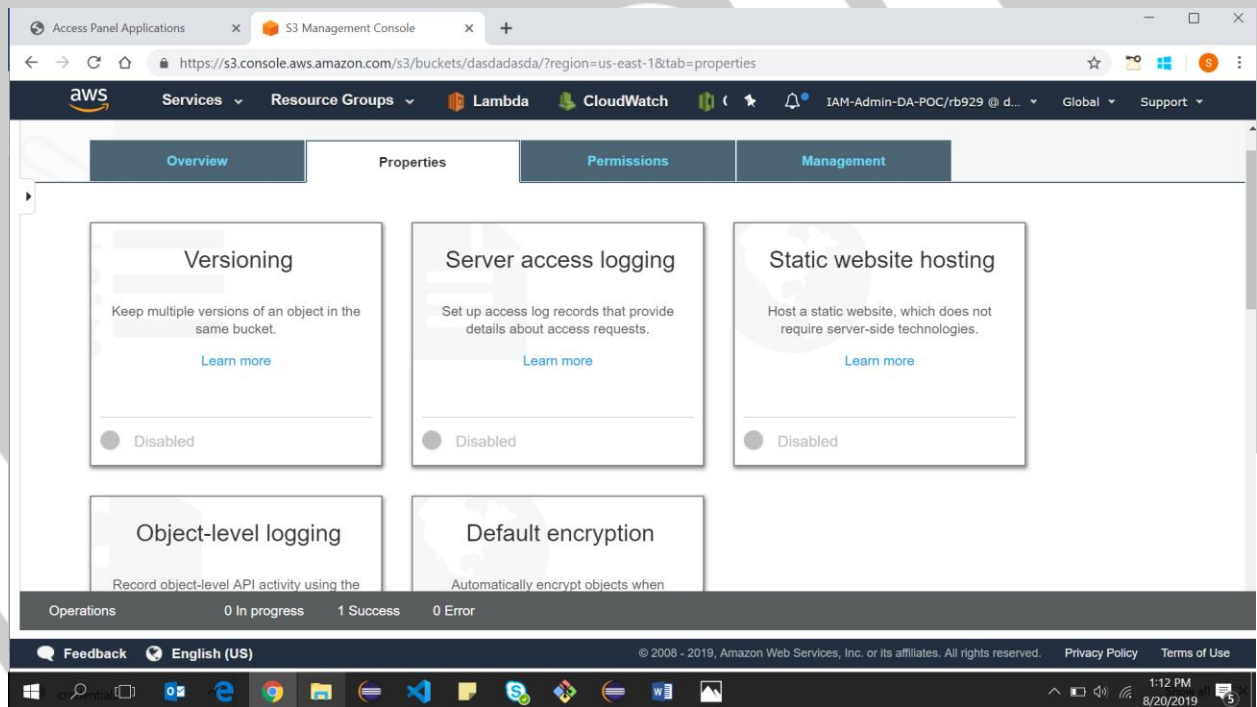
14. Click on Learn More under Static website hosting.

Author: *Saugat Adhikari*
Portfolio: *www.saugat-adhikari.ga*
GitHub: *https://github.com/isauadh/web-portfolio*
Reference: *https://colorlib.com/*

15. It will open a new page. Go back to your original AWS page.
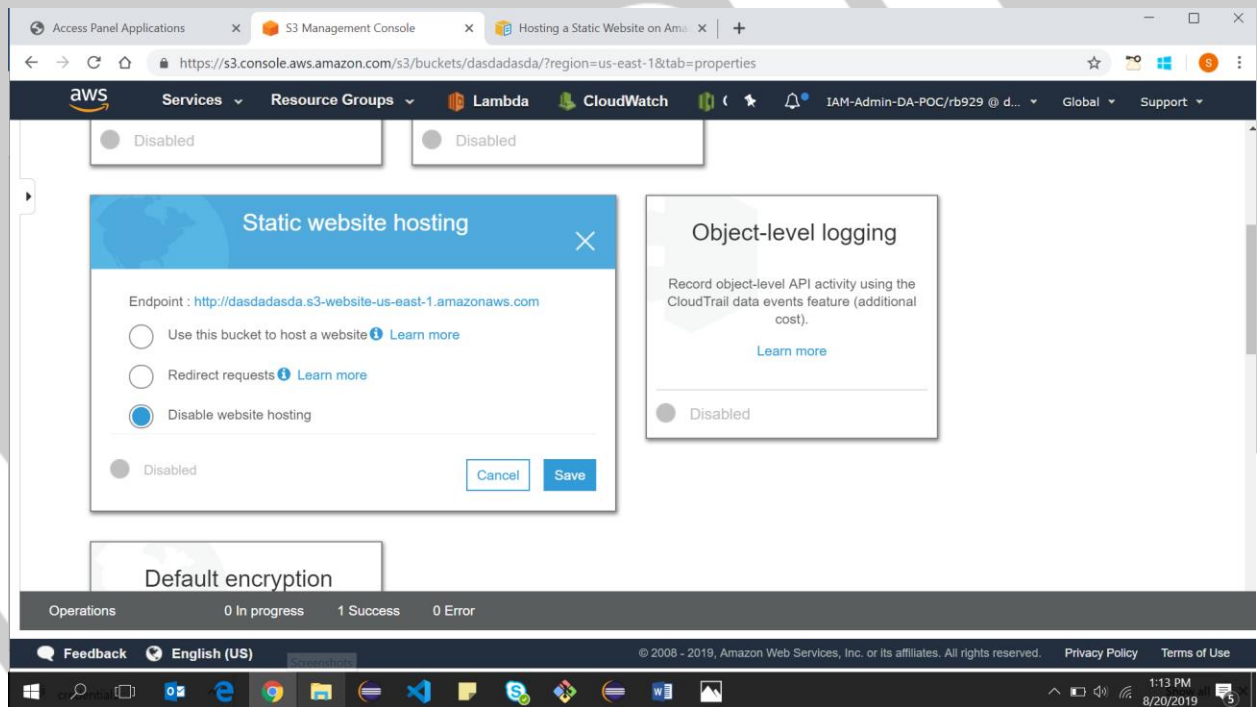
16. Select Use this bucket to host a website.
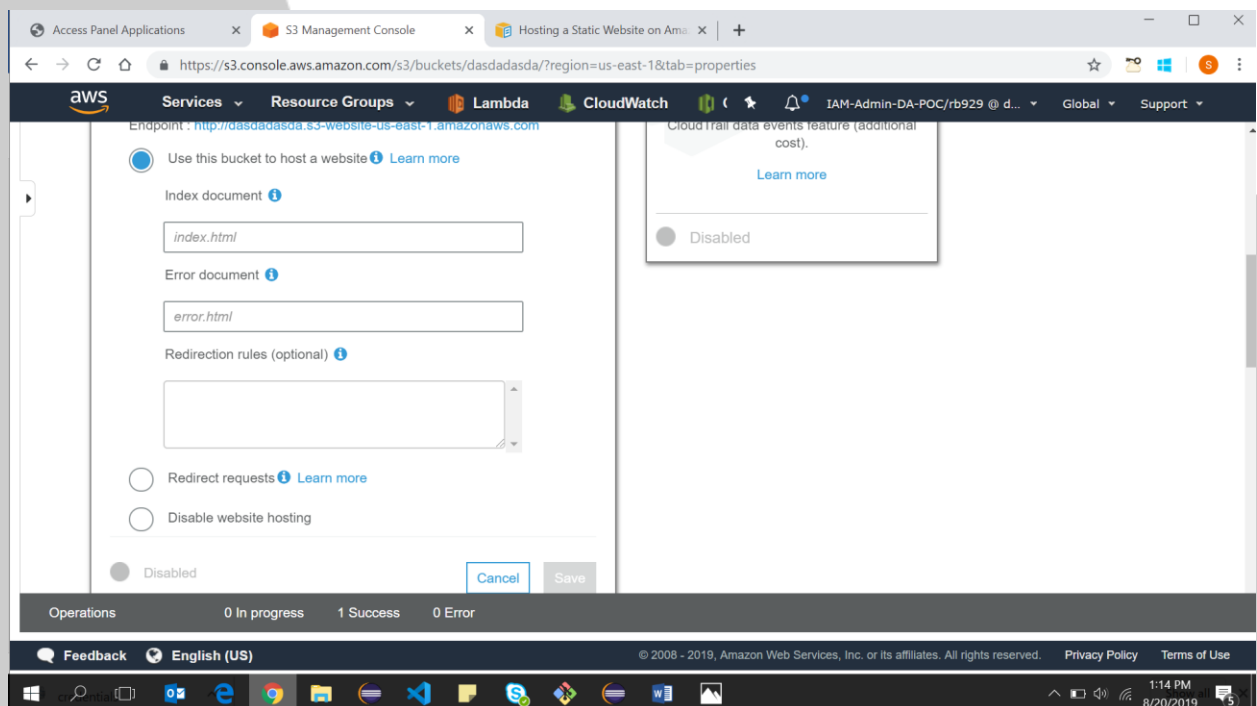
Author: Saugat Adhikari
Portfolio: www.saugat-adhikari.ga
GitHub: https://github.com/isauadh/web-portfolio
Reference: https://colorlib.com/

17. Enter index.html inside both Index document and Error document and hit Save.

18. Go to S3 and open your bucket.
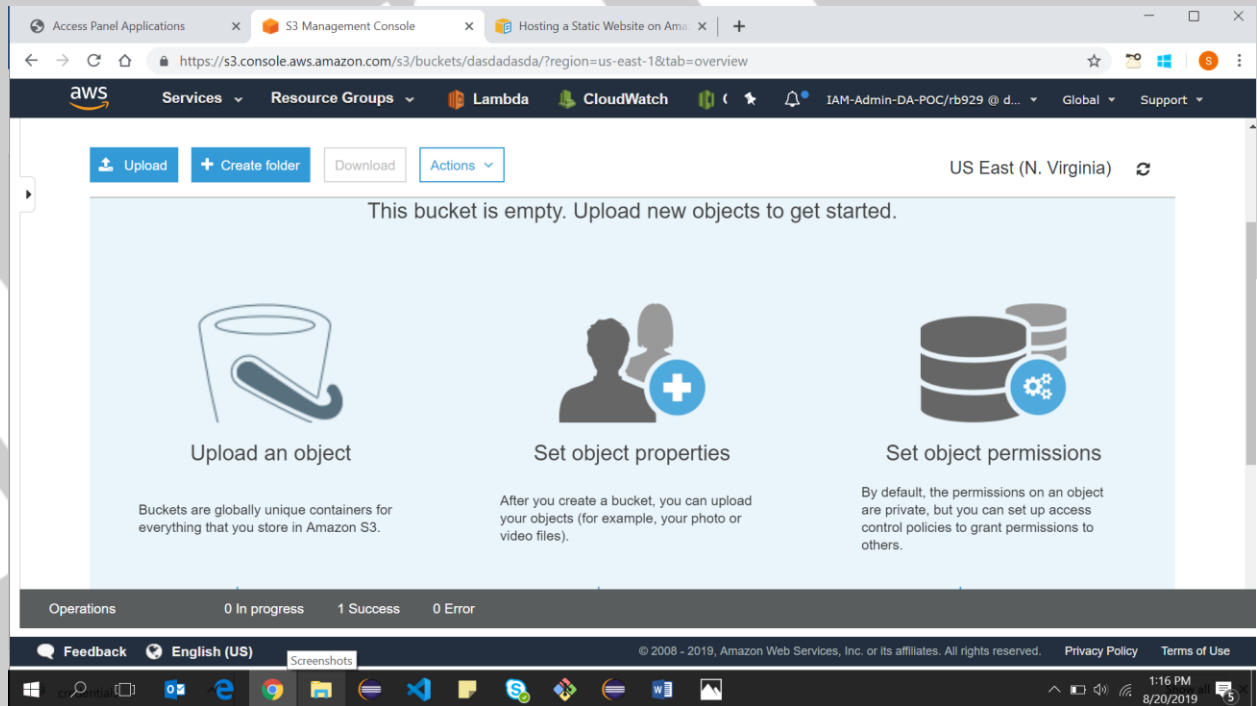
19. Scroll up, Click on Permissions Tab and then Bucket Policy.

Author: Saugat Adhikari
Portfolio: www.saugat-adhikari.ga
GitHub: https://github.com/isauadh/web-portfolio
Reference: https://colorlib.com/

20. Copy & Paste bucket policy: (Remember to update the bucket name before pasting it.)

```
{
    "Version":"2012-10-17",
    "Statement":[{
        "Sid":"PublicReadGetObject",
        "Effect":"Allow",
        "Principal": "*",
        "Action":["s3:GetObject"],
        "Resource":["arn:aws:s3:::example-bucket/*"
        ]
    }
    ]
}
```

21. Click on save.

22. Now go to your build folder inside portfolio and upload everything into your S3 bucket.

23. Click Next until you see Upload and then click upload.

24. Click on index.html and it gives you the public Object URL.

Author: Saugat Adhikari
Portfolio: *www.saugat-adhikari.ga*
GitHub: *https://github.com/isauadh/web-portfolio*
Reference: *https://colorlib.com/*

25. Copy & Paste that link on your web browser.

26. Congratulations! You have hosted your static website on Amazon S3.

Author: *Saugat Adhikari*
Portfolio: *www.saugat-adhikari.ga*
GitHub: *https://github.com/isauadh/web-portfolio*
Reference: *https://colorlib.com/*