

## Week-9. Create a blog in React js

In this week we are going to create a blog website using react js

We have mainly 3 pages

- 1.App.js
- 2.Post.js
- 3.Posts.js

This is the Structure of the project



## 1.App.js

```
import logo from './logo.svg';
import './App.css';
import Posts from
"./components/Posts"; function App() {
return (
  <div className="main-container">
    <h1 className="main-heading">
      Blog App using React Js
    </h1>
    <Posts />
  </div>
);
}
```

export default App;

## 2.Posts.js

```
import React from "react";
import "./style.css";

import Post from "./Post";

const Posts = () => {
const blogPosts = [
  {
    title: "JAVASCRIPT",    body: `JavaScript is
the world most popular    lightweight, interpreted
compiled programming    language. It is also
known as scripting    language for web pages. It is
well-known for    the development of web pages,
many non-browser    environments also use it.
```

JavaScript can be used for Client-side developments as well as

Server-side developments`,

author: "Nishant Singh ",

imgUrl:

"https://media.geeksforgeeks.org/img-practice/banner/diving-into-excelthumbnail.png",

},

{

title: "Data Structure ", body: `There are many real-life examples of a stack. Consider an example of plates stacked over one another in the canteen. The plate which is at the top is the first one to be removed, i.e. the plate which has been placed at the bottommost position remains in the stack for the longest period of time. So, it can be simply seen to follow LIFO(Last In First Out)/FILO(First In Last Out) order.` , author: "Suresh Kr", imgUrl:

"https://media.geeksforgeeks.org/img-practice/banner/coa-gate-2022thumbnail.png",

},

{

title: "Algorithm",

body: `The word Algorithm means “a process or set of rules to be followed in calculations or other problem-solving operations”. Therefore Algorithm refers to a set of rules/instructions that step-by-step define how a work is to be executed upon in order to get the expected results.` ,

author: "Monu Kr",

imgUrl:

"https://media.geeksforgeeks.org/img-practice/banner/google-test-seriesthumbnail.png",

},

```
{
  title: "Computer Network",
  body: `An interconnection of multiple devices,
also known as hosts, that are connected using
multiple paths for the purpose of sending/
receiving data media. Computer networks can
also include multiple devices/mediums which
help in the communication between two different
devices; these are known as Network devices
and include things such as routers, switches,
hubs, and bridges. `,
  author: "Sonu Kr",
  imgUrl:
    "https://media.geeksforgeeks.org/img-practice/banner/cp-maths-
javathumbnail.png",
},
];

return (
  <div className="posts-container">
    {blogPosts.map((post, index) => (
      <Post key={index} index={index} post={post} />
    ))}
  </div>
);
};

export default Posts;
```

### 3.Post.js

```
import React from "react";
import "../style.css"; const Post =
({ post: { title, body,
imgUrl, author }, index }) => {
return (
  <div className="post-container">
    <h1 className="heading">{title}</h1>
    <img className="image" src={imgUrl} alt="post" />
    <p>{body}</p>
    <div className="info">
      <h4>Written by: {author}</h4>
    </div>
  </div>
);
};

export default Post;
```

Now we will style the project

### Style.css in componenets folder

```
body {
  background-color: #0e9d57;
}
.posts-container {
display: flex;  justify-
content: center;  align-
items: center;
}
.post-container {
background: #e2e8d5;
```

```

display: flex;  flex-
direction: column;
padding: 3%;  margin:
0 2%;
    height: 40%;
} .heading {
height: 126px;
text-align: center;
display: flex;
align-items: center;
} .image {
width: 100%;
height: 210px;
}

```

## OUTPUT



