

Project :As a Full Stack Developer, you have to create a frontend for the myPortfolio application.

Step 1:index.html

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>Portfolio</title>
  <base href="/">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="icon" type="image/x-icon" href="favicon.ico">
  <link rel="preconnect" href="https://fonts.gstatic.com">
  <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@300;400;500&display=swap" rel="stylesheet">
  <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css" integrity="sha384-x00lHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N" crossorigin="anonymous">
</head>
<body class="mat-typography">
  <app-root></app-root>
  <script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js" integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj" crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-Fy6S3B9q64WdZWQUiUuq4/2Lc9npb8tCaSx9FK7E8HnRr0Jz8D60P9d05Vg3Q9ct" crossorigin="anonymous"></script>
  <script src="https://unpkg.com/ionicons@4.5.10-0/dist/ionicons.js"></script>
</body>
</html>
```

Step 2:Creating the json server for sign up and login.

db.json

```
{
  "posts": [
    {
      "id": 1,
      "title": "json-server",
      "author": "typicode"
    }
  ],
  "comments": [
    {
      "id": 1,
      "body": "some comment",
      "postId": 1
    }
  ],
  "users": [
    {
```

```

      "id": 1,
      "first_name": "Robert",
      "last_name": "Schwartz",
      "email": "rob23@gmail.com",
      "password": "1234567890"
    },
    {
      "id": 2,
      "first_name": "Lucy",
      "last_name": "Ballmer",
      "email": "lucyb56@gmail.com",
      "password": "1234567890"
    },
    {
      "id": 3,
      "first_name": "Anna",
      "last_name": "Smith",
      "email": "annasmith23@gmail.com",
      "password": "1234567890"
    },
    {
      "id": 4,
      "first_name": "Robert",
      "last_name": "Brown",
      "email": "bobbrown432@yahoo.com",
      "password": "1234567890"
    },
    {
      "id": 5,
      "first_name": "Roger",
      "last_name": "Bacon",
      "email": "rogerbacon12@yahoo.com",
      "password": "1234567890"
    },
    {
      "fullname": "Ankit pandey",
      "email": "ankit11081998@gmail.com",
      "password": "Ankit@1998",
      "mobile": "1234567890",
      "id": 6
    },
    {
      "fullname": "Ashwani Sharma",
      "email": "ashwani@gmail.com",
      "password": "1234567890",
      "mobile": "1234567890",
      "id": 7
    },
    {
      "fullname": "Shalu pandey",
      "email": "shalu@gmail.com",
      "password": "1234567890",
      "mobile": "1234567890",
      "id": 8
    }
  ],
  "profile": {
    "name": "typicode"
  }
}
*****

```

Step 3:app.module.ts

```

import { NgModule } from '@angular/core';

```

```

import { BrowserModule } from '@angular/platform-browser';
import { HttpClientModule } from '@angular/common/http';
import { AppRoutingModule } from './app-routing.module';
import { AppComponent } from './app.component';
import { BrowserAnimationsModule } from '@angular/platform-browser/animations';
import { LoginComponent } from './login/login.component';
import { SignUpComponent } from './sign-up/sign-up.component';
import { PortfolioComponent } from './portfolio/portfolio.component';
import { FormsModule } from '@angular/forms';
import { ReactiveFormsModule } from '@angular/forms';
import { AboutComponent } from './about/about.component';
import { ContactComponent } from './contact/contact.component';
import { HomeComponent } from './home/home.component';
@NgModule({
  declarations: [
    AppComponent,
    LoginComponent,
    SignUpComponent,
    PortfolioComponent,
    AboutComponent,
    ContactComponent,
    HomeComponent,
  ],
  imports: [
    BrowserModule,
    AppRoutingModule,
    BrowserAnimationsModule,
    FormsModule,
    HttpClientModule,
    ReactiveFormsModule
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }
*****

```

Step 4:app.component.ts

```

-----
import { Component } from '@angular/core';

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  title = 'Portfolio';
}
*****Step

```

5:app.component.html

```

-----
<router-outlet></router-outlet>
*****Step

```

6:app.routing.ts

```

-----
import { NgModule } from '@angular/core';
import { RouterModule, Routes } from '@angular/router';
import { AboutComponent } from './about/about.component';
import { ContactComponent } from './contact/contact.component';
import { HomeComponent } from './home/home.component';
import { LoginComponent } from './login/login.component';
import { PortfolioComponent } from './portfolio/portfolio.component';
import { SignUpComponent } from './sign-up/sign-up.component';

```

```

const routes: Routes = [
  {path: '', redirectTo: 'login', pathMatch: 'full'},
  {path: 'login', component: LoginComponent},
  {path: 'signup', component: SignUpComponent},
  {path: 'portfolio', component: PortfolioComponent},
  {path: 'portfolio/home', component: HomeComponent},
    {path: "portfolio/about", component: AboutComponent},
    {path: "portfolio/contact", component: ContactComponent},
];

@NgModule({
  imports: [RouterModule.forRoot(routes)],
  exports: [RouterModule]
})
export class AppRoutingModule { }
*****Step
7:Components
-----

```

about.component.html=>

```

-----
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
  <a href="#" routerLink="../..//portfolio" class="navbar-brand">Portfolio</a>
  <ul class="navbar-nav">
    <li class="nav-item">
      <a href="#" class="nav-link" routerLink="../home"> Home</a>
    </li>

    <li class="nav-item">
      <a href="#" class="nav-link" routerLink="../about">About Us</a>
    </li>

    <li class="nav-item">
      <a href="#" class="nav-link" routerLink="../contact">Contact Us</a>
    </li>

  </ul>
</nav>
<div class="container">
  <h1>You can contact Us using social media sites</h1><br>
  <h2>Gmail Id :
ankit11081998@gmail.com</h2>
  <h2>Facebook :
1234567890</h2>

  <h2>Instagram :ankit_pandey001</h2>

  <h2>WhatsApp :
1234567890</h2>

  <h2>Contact :
1234567890</h2>

</div>

```

.....

```

about.component.ts
.....
import { Component, OnInit } from '@angular/core';

@Component({
  selector: 'app-about',
  templateUrl: './about.component.html',
  styleUrls: ['./about.component.css']
})
export class AboutComponent implements OnInit {

  constructor() { }

  ngOnInit(): void {
  }

}
.....
about.component.css
.....
img{
  margin-right: 20px;
}
.container{
  margin-top: 10%;
  text-align: center;
}
h1{
  font-size: 30px;
  font-weight: 500;
  color:rgb(63, 113, 12)
}

```

Step 8:Contact Component

```

-----
contact.component.html
.....
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
  <a href="#" routerLink="../../portfolio" class="navbar-brand">Portfolio</a>
  <ul class="navbar-nav">
    <li class="nav-item">
      <a href="#" class="nav-link" routerLink="../home"> Home</a>
    </li>

    <li class="nav-item">
      <a href="#" class="nav-link" routerLink="../about">About Us</a>
    </li>

    <li class="nav-item">
      <a href="#" class="nav-link" routerLink="../contact">Contact Us</a>
    </li>

  </ul>
</nav>
<div class="jumbotron">
  <div class="container">

    <div class="row">
      <div class="col-md-6 offset-md-3">

```

```

        <h2>CONTACT US</h2>

        <form >
            <div class="form-group">
                <label>FirstName</label>
                <input type="text" formControlName="firstName"
class="form-control" />
                <!--Custom Validations-->
            </div >

            <!--Last Name-->
            <div class="form-group">
                <label>LastName</label>
                <input type="text" formControlName="lastName"
class="form-control" />
                <!--Custom Validations-->
            </div>

            <!--email-->
            <div class="form-group">
                <label>Email</label>
                <input type="text" formControlName="email" class="form-
control" />
                <!--Custom Validations-->
            </div>

            <!--Password-->

            <div class="form-group">
                <label>Password</label>
                <input type="text" formControlName="password"
class="form-control" />
                <!--Custom Validations-->
            </div>

            <div class="form-group">
                <button class="btn btn-primary">Contact Us</button>
            </div>
        </form>
    </div>
</div>

</div>
.....contact.
component.ts
.....
import { Component, OnInit } from '@angular/core';

@Component({
  selector: 'app-contact',
  templateUrl: './contact.component.html',
  styleUrls: ['./contact.component.css']
})

```

```

}))
export class ContactComponent implements OnInit {

  constructor() { }

  ngOnInit(): void {
  }

}

```

Step 9:home component

home.component.html
| | | | | | | | | |

```

<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
  <a href="#" routerLink="../portfolio" class="navbar-brand">Portfolio</a>
  <ul class="navbar-nav">
    <li class="nav-item">
      <a href="#" class="nav-link" routerLink="../home"> Home</a>
    </li>

    <li class="nav-item">
      <a href="#" class="nav-link" routerLink="../about">About Us</a>
    </li>

    <li class="nav-item">
      <a href="#" class="nav-link" routerLink="../contact">Contact Us</a>
    </li>

  </ul>
</nav>
<div class="container" >
  <div class="row">
    <div class="card">
      <h1> Hello, I am Ankit pandey
      </h1>
      <p>Currently I am working in a very reputed organization as a software
Engineer .</p>
    </div>

  </div>
</div>

```

.....
home.component.ts
| | | | | | | | | |

```

import { Component, OnInit } from '@angular/core';

@Component({
  selector: 'app-home',
  templateUrl: './home.component.html',
  styleUrls: ['./home.component.css']
})
export class HomeComponent implements OnInit {

  constructor() { }

  ngOnInit(): void {
  }

}

```

```

}
.....
home.component.css
.....
.card{
    text-align: center;
    align-items: center;
    margin-top: 10%;
    margin-left: 30%;
    padding: 50px;
    background: linear-gradient(90deg ,rgb(34, 65, 66) 0%,cadetblue 100%);
    color: white;
    font-weight: 500;
}

```

```

}
*****

```

Step 10:login component

```

-----
login.component.html
.....

```

```

<div class="container">
  <div class="row">
    <div class="col-md-6">
      <div class="card">
        <div class="text-center">
          <h1>Login</h1>
          <h6>Please enter Email & password !!</h6>
        </div>
        <form [formGroup]="loginForm" (ngSubmit)="login()">
          <div class="form-group">
            <label for="exampleInputEmail1">Email address</label>
            <input formControlName="email" type="email" class="form-
control" id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter
email">
              <small id="emailHelp" class="form-text text-muted ">We'll
never share your email with anyone else.</small>
            </div>
            <div class="form-group">
              <label for="exampleInputPassword1">Password</label>
              <input formControlName="password" type="password"
class="form-control" id="exampleInputPassword1" placeholder="Password">
            </div>

            <button type="submit" class="btn btn-primary
">Login</button>
          </form>
          <a routerLink="/signup">New User? Click to SignUp !!</a>
        </div>
      </div>
    </div>
  </div>
</div>

```

```

.....login.co
mponent.ts
.....
import { HttpClient } from '@angular/common/http';
import { Component, OnInit } from '@angular/core';
import { FormGroup, FormBuilder } from '@angular/forms'
import { Route, Router } from '@angular/router';
@Component({
  selector: 'app-login',
  templateUrl: './login.component.html',
  styleUrls: ['./login.component.css']
})

```



```

})
export class LoginComponent implements OnInit {

    public loginForm!: FormGroup
    constructor(private formBuilder: FormBuilder, private
HttpClient: HttpClient, private route: Router) { }

    ngOnInit(): void {
        this.loginForm = this.formBuilder.group({
            email: [''],
            password: ['']
        })
    }

    login(){

        this.HttpClient.get<any>("http://localhost:3000/users")
        .subscribe(res=>{
            const user=res.find((a:any)=>{
                return a.email===this.loginForm.value.email &&
a.password===this.loginForm.value.password
            });
            if(user){
                alert("Login successful");
                this.loginForm.reset();
                this.route.navigate(["portfolio"])
            }
        })
    }
}

.....
login.component.css
.....

.card{
    margin-top: 10px;
    border: none;
    width: 500px;
    padding: 40px;
    position: absolute;
    top: 50%;
    left: 55%;
    background: linear-gradient(90deg, rgb(107, 107, 231) 0%,rgb(36, 36, 97)
100%);
    color: white;
    font-size: 16px;

}
a{
    margin-top: 20px;
    color: rgb(237, 69, 237);
    font-size: 20px;
    font-weight: 500;

}
h1{
    font-size: 32px;
    font-weight: 500;
    color: white;
}
.btn{
    align-items: center;
    text-align: center;

```

}

.....

.....

<head>

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

</head>

<body>

```
src="../../../assets/png/003-play-button.png" alt=""/>About Us</a>
```

```
src="../../../assets/png/006-phone-call.png" alt=""/>Contact Us</a>
```

</nav>

50px;margin-bottom: 50px;color:rgb(42, 100, 101);font-weight: 500;">Ankit pandey

```
<div class="container second">
```

<div class="row">

```
<div class="col-md-6">
```

```
        
        </div>
```

```
        <div class="col-md-6 text-center brief">
            <h1>Briefings</h1>
            <p><b>I am Ankit pandey. I am from Ghaziabad,Uttar Pradesh.
I love to code. I prefer java in backend and Angular as a frontEnd. I want to
become master in java so that I can build web applications and mobile
applications. </b></p>
        </div>
```

```
    </div>
</div>
```

```
    <!-- Footer -->
    <footer class="page-footer font-small indigo">

        <!-- Copyright -->
        <div class="footer-copyright text-center py-3">This is the footer
section where you can put the address and copyright details. Â© 2018 Copyright:
            <a routerLink="contact" > Contact Us</a>
        </div>
        <!-- Copyright -->

    </footer>
    <!-- Footer -->
```

```
    <script
src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js"
integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRk
fj" crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.bundle.min.j
s"
integrity="sha384-fQybjgWLrvvRgtW6bFlB7jaZrFsaBXjsOMm/tB9LTS58ONXgqbR9W8oWht/
amnpF" crossorigin="anonymous"></script>

</body>
</html>
```

```
.....portfolio
o.component.ts
.....
import { Component, OnInit } from '@angular/core';

@Component({
  selector: 'app-portfolio',
  templateUrl: './portfolio.component.html',
  styleUrls: ['./portfolio.component.css']
})
export class PortfolioComponent implements OnInit {

  constructor() { }

  ngOnInit(): void {
  }

}
```

```

.....
portfolio.component.css
.....
.brief h1{
    margin-top: 50px;
    margin-bottom: 50px;
    font-weight: 500;
    font-size: 50px;
    color: crimson;
    font-style: italic;
}

.brief p{
    letter-spacing: 1px;
    font-size: larger;
    color: rgb(102, 5, 99);
    font-style: oblique;
    font-size: 30px;
}

```

Step 12: Sign up component

```

sign-up.component.html
.....

```

```

<div class="container">
  <div class="row">
    <div class="col-md-6">
      <div class="card">
        <div class="text-center">
          <h1>SIGN UP</h1>
          <h6>Register User</h6>
        </div>
        <form [formGroup]="signupForm" (ngSubmit)="signUp()">
          <div class="form-group">
            <label for="exampleInputEmail1">Full Name</label>
            <input formControlName="fullname" type="text" class="form-
control" id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter
your name">
              </div>
            <div class="form-group">
              <label for="exampleInputPassword1">Mobile Number</label>
              <input formControlName="mobile" type="text" class="form-
control" id="exampleInputPassword1" placeholder="Enter phone number">
            </div>
            <div class="form-group">
              <label for="exampleInputEmail1">Email</label>
              <input formControlName="email" type="email" class="form-
control" id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter
email">
            </div>
            <div class="form-group">
              <label for="exampleInputEmail1">Password</label>
              <input formControlName="password" type="password"
class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp"
placeholder="Enter password">
            </div>
            <button type="submit" class="btn btn-primary
">SignUp</button>
          </form>
          <a routerLink="/login">Already Registered? Click to
login!!</a>
        </div>
      </div>
    </div>
  </div>

```

```

    </div>
</div>
.....sign-
up.component.ts
.....
import { HttpClient } from '@angular/common/http';
import { Component, OnInit } from '@angular/core';
import { FormGroup, FormBuilder } from '@angular/forms';
import { Router } from '@angular/router';
@Component({
  selector: 'app-sign-up',
  templateUrl: './sign-up.component.html',
  styleUrls: ['./sign-up.component.css']
})
export class SignUpComponent implements OnInit {
  public signupForm!: FormGroup
  constructor(private formBuilder: FormBuilder ,private http:HttpClient,private
router:Router) { }

  ngOnInit(): void {
    this.signupForm=this.formBuilder.group({
      fullname:[''],
      email:[''],
      password:[''],
      mobile:['']

    })
  }
  signUp(){

    this.http.post<any>("http://localhost:3000/users",this.signupForm.value)
    .subscribe(res=>{
      alert("SignUp successfully");
      this.signupForm.reset();
      this.router.navigate(['login'])
    },err=>{
      alert("Something went wrong")
    })
  }
}
.....
sign-up.component.css
.....
.card{
  padding: 40px;
  border: none;
  margin-top: 49px;
  margin-left: 50%;
  width: 500px;
  background: linear-gradient(90deg, tomato 0%,rgb(228, 130, 113) 100%);
  transition: 0.5s;
  font-weight: 500;
  color: white;
}
a{
  margin-top: 20px;
  color: rgb(130, 3, 130);
  font-size: 20px;
  font-weight: 500;
}
.card:hover{
  box-shadow: 0px 10px 10px 10px #888888;

```

```
}  
.btn{  
    margin-left: 25%;  
    font-weight: 400;  
    width: 200px;  
}  
*****
```