INDUSTRIAL TRAINING REPORT

Industrial Training Report

Submitted in Partial fulfilment

of the Degree of

Bachelors of Computer Applications

Submitted By-:
Student Name - Kunal
Enrollment No - 120922108
Sem - V

Jagan Nath University

Bahadurgarh (NCR)

(2022-25)

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Supervisor's Name - Ms. Ankita Roy

Supervisor's Signature

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Acknowledgment

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Name: Kunal

Enrol. No: 120922108

Course: BCA

Certificate

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Hardware / Software Requirements

Hardware Requirements :-

1. **Processor:**
    - A modern multi-core processor (e.g., Intel i5 or equivalent) is recommended.
2. **RAM:**
    - Minimum: 8 GB
3. **Storage:**
    - At least 256 GB of free space.

Software Requirements :-

1. **Operating System**
    - Windows 10/11, macOS, or a Linux distribution (e.g., Ubuntu, Fedora).
2. **Node.js**
    - Node.js (v14.x or higher recommended).
3. **MongoDB**
    - MongoDB Community Edition (v4.x or higher) or use a cloud service like MongoDB Atlas.
4. **Text Editor/IDE**
    - Visual Studio Code (recommended for its extensive support for JavaScript, Node.js, and React).

Introduction

The MERN stack is a popular set of technologies for building modern web applications, consisting of MongoDB, Express.js, React, and Node.js. Each component plays a crucial role in the development process, allowing developers to create dynamic, full-stack applications using a single language—JavaScript.

- **MongoDB**: A NoSQL database that stores data in a flexible, JSON-like format, ideal for handling evolving data structures.
- **Express.js**: A lightweight Node.js framework that simplifies server-side development by providing essential tools for managing routes, handling requests, and integrating with databases.
- **React**: A powerful front-end JavaScript library for building user interfaces, particularly single-page applications (SPAs), with a focus on component-based architecture and efficient state management.
- **Node.js**: A server-side runtime environment that enables JavaScript to be used for back-end development, known for its scalability and non-blocking, event-driven architecture.

The MERN stack is valued for its efficiency and the ability to use JavaScript across both the front-end and back-end, streamlining the development process. It's widely used for building everything from small projects to large-scale applications, making it a versatile choice in modern web development.

List of programs

1. Javascript :-

1. Array

Code-

```
var ar = [3,4,5,3,8,4,3]
// document.write(ar[4]);
for(var i = 0; i<ar.length; i++){
   document.write(ar[i]+"  ")
}

// 3 => 3
// 4 => 2
```

2.array functions

Code-

```
let ar = [1,2,3,4,5,6,7,8,9]
let ar2 = [3,40,3,2,4,9]

let ar3 = []

// ar.pop(); //remove last element from array
// ar.shift();
```

```
// ar.unshift(80)
// const nar = ar.slice(4)
// const nar = ar.splice(3,4)
// const nar = ar.splice(4,1)
// const nar = ar.concat(ar2,[44,900])
// console.log(nar);
const getNum=(item)=>{
    return item > 20
}
let index = ar2.findIndex(getNum)
console.log(index);

const arr =[3,6,7,2,4]

3.callback functions
// Passing a function as an argument in other function is called function callback.



const func1 = (callback)=>{
    callback()
}

const func2 = ()=>{
    console.log('calling inside otehr function');
}
```

```
let students = [
    {name:'krishna',age:12,marks:50},
    {name:'amit',age:32,marks:51}
]

let ar = [6,7]
ar.push(9) // add element last of array
ar.unshift(11)//
// console.log(ar);

const addStudent = (student,callback)=>{
    setTimeout(()=>{
        students.push(student);
        console.log("Student added successfully");
        callback();
    },2000)
}

const disStudents = ()=>{
    console.log("Updated student list");
    console.log(students);
}
```

```
const st = {name:'aman',age:34,marks:88}
addStudent(st,disStudents)
// disStudents()

4.filter array
let ar = [5,64,7,34,90,34];

function fl(item,index){
   // if(item>50){
   //     return true;
   // }else{
   //     return false;
   // }
   return item>50
}

let filterdAr = ar.filter(fl)
console.log(filterdAr);

5.reduce in array
let ar = [4, 5, 17, 6, 3]

// let total = ar.reduce((prev,nxt)=>{
//     return prev+nxt
// })
```

```
// let total = ar.reduce((prev, nxt) => {
//     return prev + nxt
// },10)
// console.log(total);

let m1 = 0;
let m2 = 0;
for (let index = 0; index < ar.length; index++) {
   if(ar[index]>m1){
      m2 = m1;
      m1 = ar[index]
   }else if(ar[index]>m2){
      m2 = ar[index]
   }
}
console.log(`max1 is ${m1} and second largest ${m2}`);
```

6.map function

```
let ar = [3,4,5,7,2,9];

const mult = (item)=>{
   if(item%2!=0){
      return item*2;
   }else{
      return item;
```

```
    }
}

const newAr1 = ar.map(mult);
console.log(newAr1);

const newAr = ar.map((item)=>{
    return item+10
})
console.log(newAr);

let students = [
    {name:'Akash',age:23,marks:34},
    {name:'Mohan',age:29,marks:39},
    {name:'krishna',age:32,marks:67},
    {name:'Mohit',age:12,marks:76},
    {name:'Alok',age:23,marks:30},
]

students = students.map((item,index)=>{
    if(item.marks>= 50){
        item.result = 'pass'
    }else{
        item.result = 'fail'
    }
```

```
    return item;
})
// console.log(students);
students.forEach((item,index)=>{
    console.log(item.name);

})
```

7.todo example

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="stylesheet" href="style.css">
</head>

<body>
    <input type="text" name="" id="todo">
    <button type="button" onclick="btnClick()">Add Todo</button>
    <div id="tDiv">
        <div class="todo">
            <p>Task1</p>
```

```
        <button>delete</button>
    </div>
</div>
<script>
    let todos = []
    function btnClick() {
        let todoValue = document.getElementById('todo').value

        todos.push(todoValue)
        // console.log(todos);
        disTodos();
        document.getElementById('todo').value = ''

    }

    function disTodos() {
        let div = document.getElementById('tDiv');
        div.innerHTML = '';
        let elemnt = ''
        todos.forEach((item,index)=>{
            elemnt += `
                <div class="todo">
                  <p>${item}</p>
                  <button>delete</button>
                  </div>
```

```
            `
        })
        div.innerHTML = elemnt
    }
  </script>
</body>

</html>
```

2. React :-

1.login/signup example

```
import React, { useState } from 'react'
import Login from './Login'
import Signup from './Signup'
function Home1() {
  const[islogin,setislogin]=useState('true')
  const login=()=>{
    setislogin=(false)
  }
  const signup=()=>{
    setislogin=(true)
  }
 return (
  <>
```

```
    <nav>
    (islogin ?<Login/>:<Signup/>)</nav>
    <div>
       <button className='login' onClick={()=>login()}></button>
       <button className='signup' onClick={()=>signup()}></button>
    </div>
    </>
  )
}

export default Home1
```

2.props

```
import React, { useState } from 'react'
import Comp2 from './Comp2'

export default function Home() {
    const[value,setvalue]=useState('');

  return (
    <div>
      <Comp2 setvalue={setvalue}/>
      <h1>your name is:{value}</h1>

    </div>
  )
```

```
}
import React, { useState } from 'react'

export default function Comp2(props) {
   const [value, setvalue] = useState('');
   const handel= () => {
     props.setvalue(value);
   }
   return (
      <div>
         <input type='text' onChange={(t) => setvalue(t.target.value)} />
         <button onClick={() => handel()}>submit</button>
      </div>
   )
}
```

3.Use State in react

```
import React,{useState} from 'react'
function Add(){
const[num1,setnum1]=useState('')
const[num2,setnum2]=useState('')
const[result,setresult]=useState('pending.....')

return(
   <div>
```

```
        <input type="text " value={num1}
onChange={(t)=>{setnum1(t.target.value)}}/><br></br>
        <input type="text " value={num2}
onChange={(t)=>{setnum2(t.target.value)}}/><br></br>
        <button
onClick={()=>setresult(parseInt(num1)+parseInt(num2))}>ADD</button>
        <h1>Result: {result}</h1>
    </div>
    )
}
export default Add
```

4.Router in react

(app.js)

```
import Home from './components/Home';
import { BrowserRouter, Route, Routes } from 'react-router-dom';
import Services from './components/Services';
import About from './components/About';
import Contact from './components/Contact';

function App() {
  return (
    <div className="App">
     <BrowserRouter>
     <Routes>
    <Route path='/' element={<Home/>}/>
```

```
    <Route path='/services' element={<Services/>}/>
    <Route path='/about' element={<About/>}/>
    <Route path='/contact' element={<Contact/>}/>

     </Routes>
     </BrowserRouter>
    </div>
  );
}

export default App;
```

(nav.js)

```
import React from 'react'
import { Link } from 'react-router-dom';

 function Nav() {
  return (
    <div>
       <center>
      <nav class="navbar navbar-expand-lg bg-body-tertiary">
  <div class="container-fluid">
    <a class="navbar-brand" href="#">Navbar</a>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
```

```
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
      <ul class="navbar-nav">
        <li class="nav-item">
          <Link class="nav-link active" aria-current="page" to={'/'}>Home</Link>
        </li>
        <li class="nav-item">
          <Link class="nav-link" to={'/services'}>Services</Link>
        </li>
        <li class="nav-item">
          <Link class="nav-link" to={'/about'}>Abouts us</Link>
        </li>
        <li class="nav-item">
          <Link class="nav-link " to={'/contact'}>Contact us</Link>
        </li>
      </ul>
    </div>
  </div>
</nav>
</center>
    </div>
```

3. Express :-

1.Todod using express

(server.js)

```
const express = require('express');
const cors = require('cors');
const { addtodo,getalltask, getTodos,deleteTodo,edittodo} = require('./service');

const app = express();
app.use(cors());
app.use(express.json());

app.post('/task', (req, res) => {
    const data = req.body;
    const result=addtodo(data)
    const updatetask=getalltask()
   if(result){
    res.json({status:1,msg:"task add",task:updatetask})
   }
   else{
    res.json({status:0,msg:"task not add",task:updatetask})
   }
});
app.get('/task',(req,res)=>{
    const task=getalltask()
    res.json(task)
})
app.delete('/task',(req,res)=>{
```

```
    const data = req.body;
    const result=deleteTodo(data)
    const updatetask=getalltask()
    if(result){
        res.json({status:1,msg:"task deleted",task:updatetask})
       }
       else{
        res.json({status:0,msg:"task not deletd",task:updatetask})
       }

})
app.put('/task', (req, res) => {
    const data = req.body;
    const result = edittodo(data);
    const updatetask = getalltask();

    if (result) {
      res.json({ status: 1, msg: "Task updated", task: updatetask });
    } else {
      res.json({ status: 0, msg: "Task not updated", task: updatetask });
    }
  });

app.listen(8000,()=>{
    console.log("chal gya")
```

```
})
(services.js)
const fs = require('fs');

const getTodos = () => {
   const filedata = fs.readFileSync('data.json');
   return JSON.parse(filedata);
};

const addtodo = (data) => {
   const parsedata = getTodos();
   parsedata.push(data);
   fs.writeFileSync('data.json', JSON.stringify(parsedata));
   return true;
};
const getalltask=()=>{
   const filedata = fs.readFileSync('data.json');
   const parsedata=JSON.parse(filedata)
   return parsedata
}
const deleteTodo = (data) => {
   let parsedata = getTodos();
   const index = parsedata.findIndex(item => item.data === data.data &&
item.techName === data.techName)
   if(index !== -1) {
```

```
        parsedata.splice(index, 1);
        fs.writeFileSync('data.json', JSON.stringify(parsedata, null, 2));
        return true;
    }}
    const edittodo = (data) => {
        let parsedata = getTodos();
        const newindex = parsedata.findIndex(item => item.data === data &&
item.techName ===techName);

        if (newindex !== -1) {
            fs.writeFileSync('data.json', JSON.stringify(parsedata, null, 2));
          return true;
         }
        };

module.exports={addtodo,getalltask,getTodos,deleteTodo,edittodo}
```

4. Mongodb :-

1.Different operation and example in mongodb

```
const {MongoClient}=require('mongodb')

const uri="mongodb://localhost:27017"
const con= new MongoClient(uri)
const getdb=async()=>{
```

```
    const db=await con.db('test');
    console.log("conection hogyaa bhai ab kaam kar")
    return db;
    }

    const db =getdb();
    const signupUser = async (userobje) => {
        const collection = (await db).collection('user');
        const existphone = await collection.findOne({ phoneno: userobje.phoneno
});
        if (existphone) {
            return false;
        } else {
            await collection.insertOne(userobje);
             return true;
        }

    }

const loginUser=async(obj)=>{
const collection=(await db).collection('user')
const result=await collection.findOne({email:obj.email})
if(result){
    if(result.password===obj.password)
    {
```

```
        return { success: true, name: result.name };
    }
    else{
        return {success:false};
    }
}
else{
return {success:false}; }
}

const fpassword = async (obj) => {
    const collection = (await db).collection('user');
    const result = await collection.findOne({ email: obj.email });
    console.log(result);
    if (result){0
    const result1= await collection.updateOne(
        { email: obj.email },
        { $set: { password: obj.password } });
    console.log(result1);
    return true
}
else{
    return false
}
}
```

```
const contactUser=async(obj)=>{
    const collection=(await db).collection('user')
    const result=await collection.insertOne(obj)
    console.log(result)
    }

module.exports={signupUser,loginUser,fpassword,contactUser}
```

5. Nodejs :-

1.Backend for todo example

```
const http = require('http');
const { addtodo, deleteTodo, edittodo, getTodos } = require('./service');

http.createServer((req, res) => {
    res.setHeader("Access-Control-Allow-Origin", "*");
    res.setHeader("Access-Control-Allow-Methods", "GET, POST, PUT,
DELETE");
    res.setHeader("Access-Control-Allow-Headers", "Content-Type");

    if (req.method === "OPTIONS") {
        res.writeHead(200);
        res.end();
        return;
    }

    const bufferData = [];
```

```
req.on('data', (chunk) => {
   bufferData.push(chunk);
});

req.on('end', () => {
   if (bufferData.length > 0) {
         const bufferStream = Buffer.concat(bufferData);
         const data = JSON.parse(bufferStream.toString());
         // console.log(data)
         if (req.method === 'POST') {

            if (data.data && data.TechName) {
               edittodo(data);
               res.writeHead(200);
               res.end(JSON.stringify());
            } else {
               addtodo(data);
               res.writeHead(200);
               res.end(JSON.stringify());
            }
         } else if (req.method === 'DELETE') {
            deleteTodo(data);
            res.writeHead(200);
            res.end(JSON.stringify());
         }
```

```
        } else if (req.method === 'GET') {
            const todos = getTodos();
            res.writeHead(200, { 'Content-Type': 'application/json' });
            res.end(JSON.stringify(todos));
        } else {
            res.writeHead(400);
            res.end(JSON.stringify({ message: 'No data received' }));
        }
    });
}).listen(8000, () => {
    console.log('Server running on port 8000');
});
```

(service.js)

```
const fs = require('fs');

const getTodos = () => {
    const filedata = fs.readFileSync('data.json');
    return JSON.parse(filedata);
};

const addtodo = (data) => {
    const parsedata = getTodos();
    parsedata.push(data);
    fs.writeFileSync('data.json', JSON.stringify(parsedata, null, 2));
```

```
    return true;
};

const deleteTodo = (data) => {
    let parsedata = getTodos();
    const index = parsedata.findIndex(item => item.data === data.data &&
item.techName === data.techName);

    if (index !== -1) {
        parsedata.splice(index, 1);
        fs.writeFileSync('data.json', JSON.stringify(parsedata, null, 2));
        return true;
    }

    return false;
};

const edittodo = (data) => {
    let parsedata = getTodos();
    const index = parsedata.findIndex(item => item.data === data.oldData &&
item.techName === data.oldTechName);

    if (index !==-1) {
        parsedata[index] = { data: data.newData, techName: data.newTechName };
        fs.writeFileSync('data.json', JSON.stringify(parsedata, null, 2));
        return true;
```

```
    } else {
        return false;
    }
};

module.exports = { addtodo, deleteTodo, edittodo, getTodos };
```

Music Streaming Platform

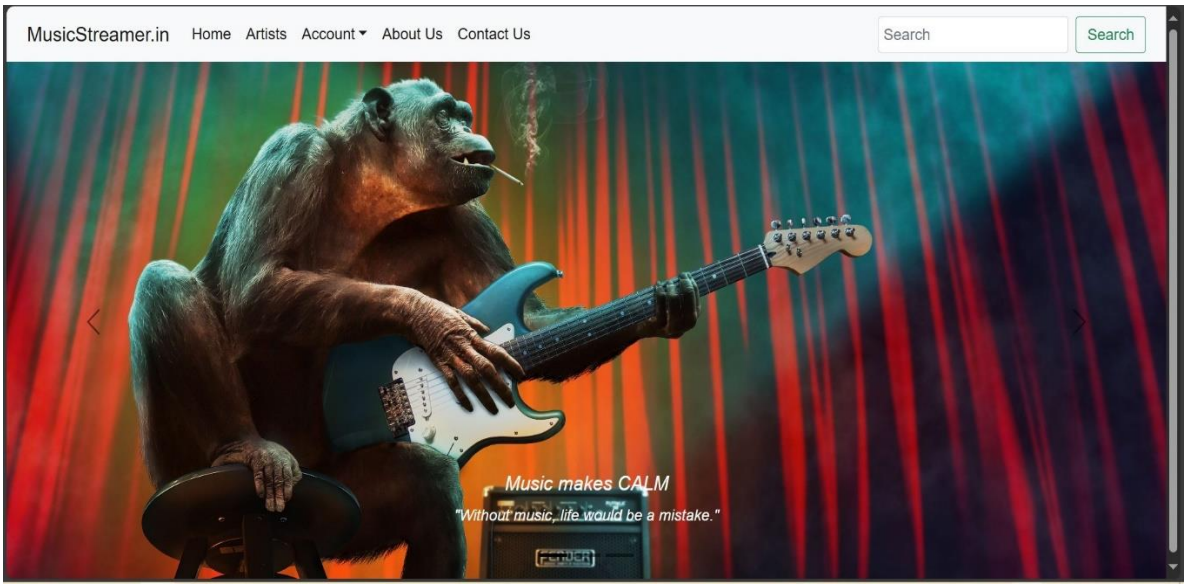
Project Code

App.js

```
import React from 'react';
import FirstPage from './components/FirstPage'
import Home from './components/Home';
import { BrowserRouter, Route, Routes } from 'react-router-dom';
import Artist from './components/Artist'
import About from './components/About'
import ContactUs from './components/ContactUs'
import Login from './components/Login'
import SignUp from './components/SignUp'
import UploadImage from './components/UploadImage';

function App() {
  return (
    <div className="App">
      <BrowserRouter>
      <Routes>
        <Route path="/" element={<FirstPage/>}/>
        <Route path="/Home" element={<Home/>}/>
        <Route path="/Artist" element={<Artist/>}/>
        <Route path="/Login" element={<Login/>}/>
        <Route path="/About" element={<About/>}/>
```

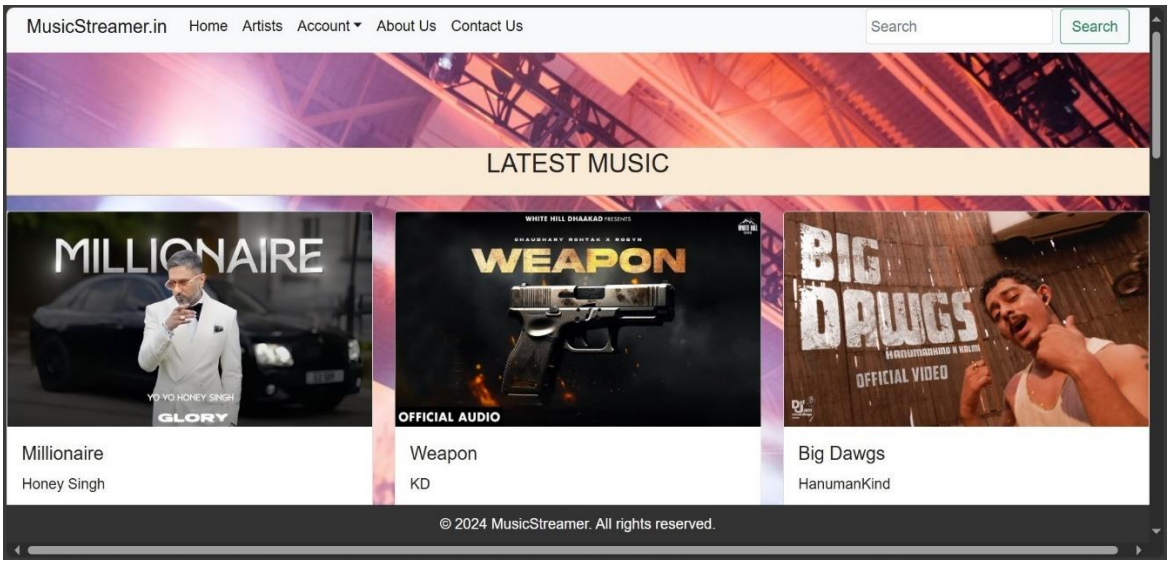
```
            <Route path="/ContactUs" element={<ContactUs/>}/>
            <Route path="/SignUp" element={<SignUp/>}/>
            <Route path="/UploadImage" element={<UploadImage/>}/>
          </Routes>
          </BrowserRouter>
        </div>
    );
}
export default App;
```

First Page




```
import React from 'react';
import './FirstPage.css';
import Navbar from './Navbar';
import './caraousel';
import Carousel from './caraousel';
const HomePage = () => {
    return (
        <>
       <Navbar/>
           <Carousel/>
        </>
    );};
export default HomePage;
```

Home Page




```
import { connect } from 'react-redux';
import React from 'react';
import './Home.css';
import Navbar from './Navbar';
import Card from './Card';
import useSound from 'use-sound';
import Millionaire from './Audio/Millionaire.mp3';
import Weapon from './Audio/Weapon.mp3';
import Big from './Audio/Big.mp3';
const Home = () => {
    return (
        <div className="home">
            <Navbar />
```

```
          <br></br>

          <Menu />

          <Card />

        <div class="title"> ><h3 align="center" > LATEST MUSIC
</h3><hr></hr></div>

          <div class="row row-cols-1 row-cols-md-3 g-4">

  <div class="col">

   <div class="card">

     <img src="https://i.ytimg.com/vi/YluR-C-wu_A/maxresdefault.jpg"
class="card-img-top" alt="..."/>

     <div class="card-body">

       <h5 class="card-title">Millionaire</h5>

       <p class="card-text">Honey Singh</p>

       <audio controls>

                    <source src={Millionaire} type="audio/mp3" />

                </audio>

     </div>

   </div>

  </div>

  <div class="col">

   <div class="card">

     <img src="https://i.ytimg.com/vi/Lf1koSGzfnQ/maxresdefault.jpg"
class="card-img-top" alt="..."/>

     <div class="card-body">

       <h5 class="card-title">Weapon</h5>

       <p class="card-text">KD</p>
```

```
      <audio controls>
                    <source src={Weapon} type="audio/mp3" />
                </audio>
    </div>
   </div>
  </div>
  <div class="col">
   <div class="card">
    <img src="https://i.ytimg.com/vi/hOHKltAiKXQ/maxresdefault.jpg"
class="card-img-top" alt="..."/>
    <div class="card-body">
     <h5 class="card-title">Big Dawgs</h5>
     <p class="card-text"> HanumanKind </p>
            <audio controls>
                <source src={Big} type="audio/mp3" />
            </audio>
            </div> </div></div></div>
       <div class="title"><hr></hr><h3 align="center"> PUNJABI
</h3><hr></hr></div>
        <div class="row row-cols-1 row-cols-md-3 g-4">
  <div class="col">
   <div class="card">
    <img src="https://i.ytimg.com/vi/eGbl6YSj52c/maxresdefault.jpg"
class="card-img-top" alt="..."/>
    <div class="card-body">
     <h5 class="card-title">Drippy</h5>
```

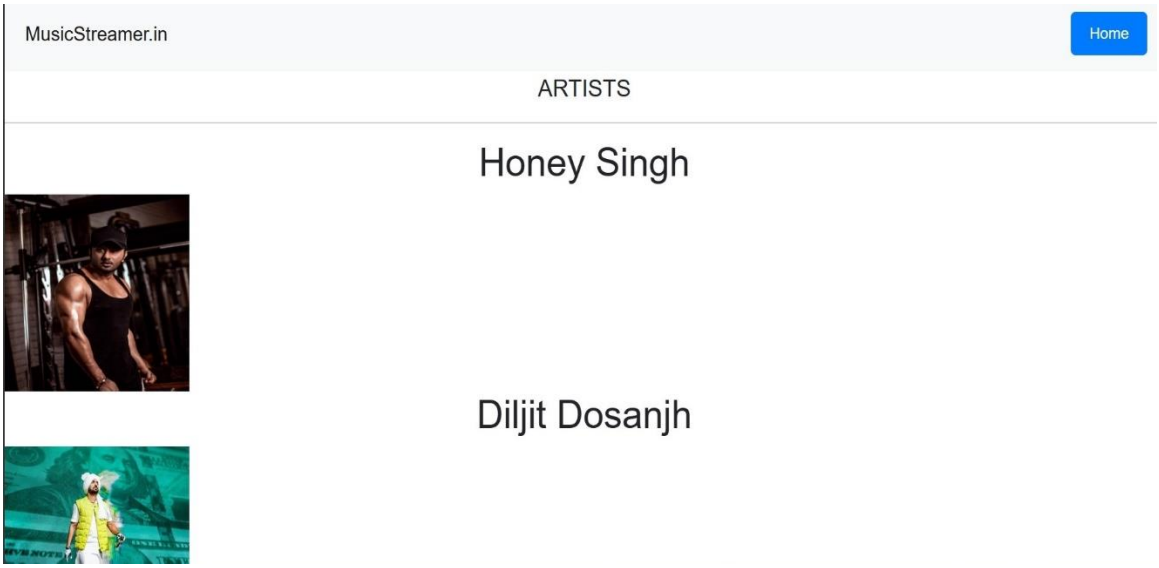
```
      <p class="card-text">Sidhu Moosewala</p>
      <audio controls>
                  <source src={TakeMeToChurchAudio} type="audio/mp3" />
                </audio>
    </div>
   </div>
  </div>
  <div class="col">
   <div class="card">
    <img src="https://i.ytimg.com/vi/K2rtrnDF3Ng/maxresdefault.jpg"
class="card-img-top" alt="..."/>
    <div class="card-body">
      <h5 class="card-title">Winning Speech </h5>
      <p class="card-text">Karan Aujla</p>
      <audio controls>
                  <source src={TakeMeToChurchAudio} type="audio/mp3" />
                </audio>
    </div>
   </div>
  </div>
  <div class="col">
   <div class="card">
    <img src="https://i.ytimg.com/vi/JMPUnkVFDOQ/maxresdefault.jpg"
class="card-img-top" alt="..."/>
    <div class="card-body">
      <h5 class="card-title">G.O.A.T</h5>
```

```
      <p class="card-text"> Diljit Dosanjh </p>
            <audio controls>
                <source src={TakeMeToChurchAudio} type="audio/mp3" />
              </audio>
              </div> </div></div></div>
        <div class="title"><hr></hr><h3 align="center"> 90's MUSIC
</h3><hr></hr></div>
        <div class="row row-cols-1 row-cols-md-3 g-4">
 <div class="col">
  <div class="card">
   <img src="https://i.ytimg.com/vi/ZJeLupHYuxk/maxresdefault.jpg"
class="card-img-top" alt="..."/>
   <div class="card-body">
    <h5 class="card-title">Zindagi Ek Safar</h5>
    <p class="card-text">Mohd. Rafi</p>
    <audio controls>
                <source src={TakeMeToChurchAudio} type="audio/mp3" />
              </audio>
   </div>
  </div>
 </div>
 <div class="col">
  <div class="card">
   <img src="https://i.ytimg.com/vi/xxLspGUVMqw/maxresdefault.jpg"
class="card-img-top" alt="..."/>
   <div class="card-body">
```

```
      <h5 class="card-title">Neele Neele Ambar </h5>
      <p class="card-text">Kishore Kumar </p>
      <audio controls>
                  <source src={TakeMeToChurchAudio} type="audio/mp3" />
                </audio>
    </div>
   </div>
  </div>
  <div class="col">
   <div class="card">
    <img
src="https://th.bing.com/th/id/OIP.h1E42Q9qQlcm4oXdogb5RAAAAA?rs=1&pid=ImgDetMain" class="card-img-top" alt="..."/>
    <div class="card-body">
      <h5 class="card-title">Jai Jai Shiv Shankar</h5>
      <p class="card-text"> Kishore Kumar </p>
            <audio controls>
                <source src={TakeMeToChurchAudio} type="audio/mp3" />
              </audio>
              </div> </div></div></div>


        <div className="texts">
            MusicStreamer is the one-stop music website for the latest to the greatest songs that you love.<br />
            Play your favourite music online. Enjoy Hindi, English, Bollywood, Latest, Old songs, and more.
```

```
            </div>


            <footer>
                <div className="text">&copy; 2024 MusicStreamer. All rights reserved.</div>
            </footer>
        </div>
    );
};
export default Home;
```

Artists Page



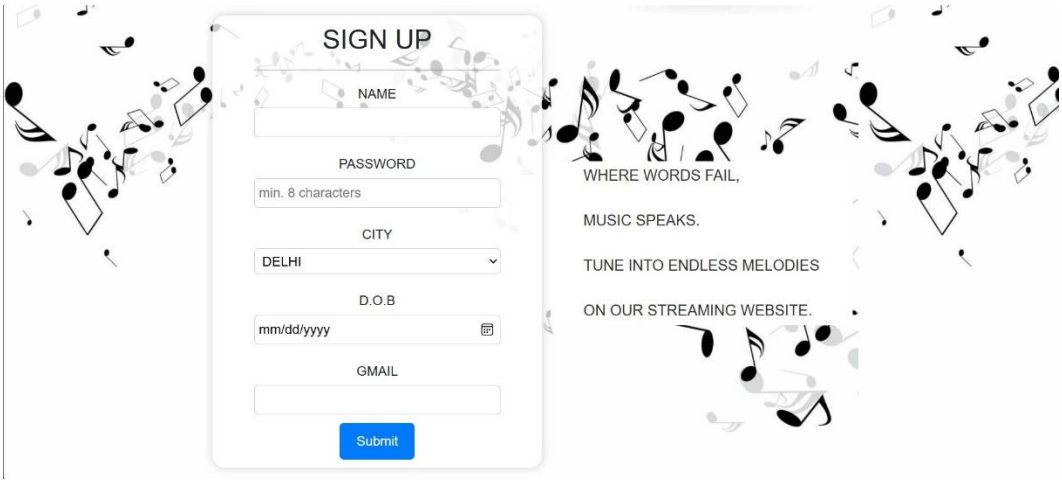

```
import React from 'react';
import './Artist.css';
import './Home'
const ArtistPage = () => {
   return (
   <>
      <nav className="navbar navbar-expand-lg navbar-light bg-light">
      <div className="container-fluid">
         <a className="navbar-brand" href="#">MusicStreamer.in</a>
         <button className="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle
navigation">
            <span className="navbar-toggler-icon"></span>
         </button>
```

```
      </div>
          <div className="collapse navbar-collapse"
id="navbarSupportedContent">
            <ul className="navbar-nav me-auto mb-2 mb-lg-0">
              <li className="nav-item">
              <a className="nav-link active" aria-current="page" href="/Home">
              <button className='home-button'>Home</button></a>
              </li>
            </ul>
          </div>
       </nav>
      <div className="whole">
          <header>ARTISTS</header><hr></hr>
          <div className="block">
            <div className="elements">
              <h1>Honey Singh</h1>
              <a href="">
                 <img src="https://wallpapers.com/images/hd/yo-yo-honey-singh-
indian-artist-zs5ogx71oozwa447.jpg" alt="Honey Singh" width={200}
height={200} />
              </a>
            </div>
            <div className="elements">
              <h1>Diljit Dosanjh</h1>
              <a href="">
```

```
                <img
src="https://th.bing.com/th/id/OIP.3_Mf8sZr5FDFbpuT2iMG6gHaHE?rs=1&pid
=ImgDetMain" alt="Diljit Dosanjh" width={200} height={200} />
                </a>
              </div>
            </div>
            <hr />
            <div className="block">
              <div className="elements1">
                <h1>Eminem</h1>
                <a href="">
                  <img
src="https://th.bing.com/th/id/OIP.ia4sY0KfXuXDTo8mDIGlOAHaHa?w=1125
&h=1125&rs=1&pid=ImgDetMain" alt="Eminem" width={200} height={200} />
                </a>
              </div>
              <div className="elements1">
                <h1>Justin Bieber</h1>
                <a href="">
                  <img src="https://images.vice.com/noisey/content-
images/article/no-sense-von-justin-bieber-ist-der-song-der-dich-von-ihm-
uberzeugen-wird-765/Justin-Bieber-2015---CMS-Source--2-
.jpg?crop=1xw:0.8429070929070929xh;center,center&resize=1200:*" alt="Justin
Bieber" width={200} height={200} />
                </a>
              </div>
            </div>
            <hr />
```

```
        <div className="block">
          <div className="elements2">
            <h1>Sidhu</h1>
            <a href="">
              <img src="https://w0.peakpx.com/wallpaper/933/414/HD-wallpaper-sidhu-moose-wala-new-song-level-song-punjabi.jpg" alt="Sidhu" width={200} height={200} />
            </a>
          </div>
          <div className="elements2">
            <h1>Karan Aujla</h1>
            <a href="">
              <img src="https://th.bing.com/th/id/OIP.IOayr2UoLio8y-7Jy7PimAHaIF?rs=1&pid=ImgDetMain" alt="Karan Aujla" width={200} height={200} />
            </a>
          </div>
        </div>
        <hr />
        <a href="Home">
          <button className="home-button">Home</button>
        </a>
      </div>
      </>
  );};
export default ArtistPage;
```

Sign Up




```
import React, { useState } from 'react';
import './SignUp.css';
import axios from 'axios';

const SignupForm = () => {
    const [name, setName] = useState('');
    const [password, setPassword] = useState('');
    const [city, setCity] = useState('DELHI');
    const [dob, setDob] = useState('');
    const [email, setEmail] = useState('');
    const [message, setMessage] = useState('');
        const handleSubmit = async ()=>{
            console.log('first')
            const Userdata={
                name: name,
                password: password,
```

```
            city: city,
            dob: dob,
            email: email,
            message: message,
        }
        await axios.post('http://localhost:8000/signup',Userdata)
        .then(resp=>{
            console.log(resp)
        })
        .catch(err => console.log(err));
        setEmail('')
        setName('')
        setPassword('')
        setDob('')
        setCity('')
        setMessage('')
        console.log('second')
    }
return (
    <div className='signupimage'>
    <div className="form-container">
        <form onSubmit={handleSubmit} className="signup-form">
            <h2>SIGN UP</h2><hr/>
           <label htmlFor="name">NAME </label>
            <input
```

```
    id="name"
    type="text"
    value={name}
    onChange={(e) => setName(e.target.value)}
    required
  />
  <label htmlFor="password">PASSWORD </label>
  <input
    id="password"
    type="password"
    value={password}
    onChange={(e) => setPassword(e.target.value)}
    placeholder="min. 8 characters"
    minLength="8"
    required
  />
  <label htmlFor="city">CITY </label>
  <select
    id="city"
    value={city}
    onChange={(e) => setCity(e.target.value)}
    required
  >
    <option>DELHI</option>
    <option>MAHARASHTRA</option>
```

```
    <option>PUNJAB</option>
    <option>HARYANA</option>
    <option>U.P.</option>
    <option>CHATTISGARH</option>
    <option>UTTRAKHAND</option>
    <option>BIHAR</option>
    <option>RAJASTHAN</option>
    <option>M.P.</option>
    <option>KARNATKA</option>
    <option>ODISHA</option>
    <option>KERELA</option>
    <option>TAMIL NADU</option>
    <option>ASSAM</option>
    <option>OTHER</option>
</select>

<label htmlFor="dob">D.O.B </label>
<input
    id="dob"
    type="date"
    value={dob}
    onChange={(e) => setDob(e.target.value)}
    required
/>
```

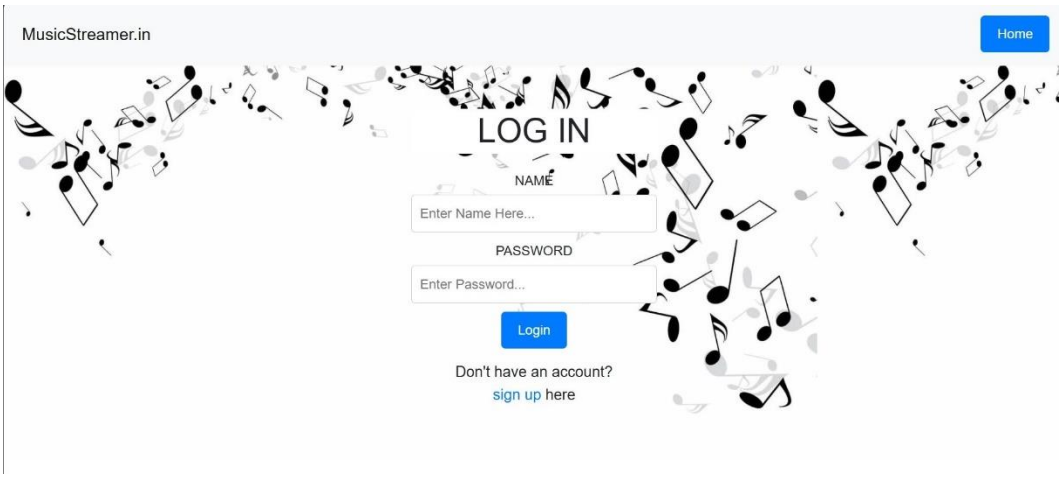
```
            <label htmlFor="email">GMAIL </label>
            <input
               id="email"
               type="email"
               value={email}
               onChange={(e) => setEmail(e.target.value)}
               required
            />

            <button className="signupbutton"
onClick={handleSubmit}>Submit</button>

            {message && <p className="msg">{message}</p>}
         </form>
         <p className="msg">WHERE WORDS FAIL,<br /><br /> MUSIC
SPEAKS.<br /><br /> TUNE INTO ENDLESS MELODIES<br /><br /> ON
OUR STREAMING WEBSITE.</p>
      </div>
      </div>
   );
};

export default SignupForm;
```

Sign Up Database

```
123> use test
switched to db test
test> db.user.find()
[
  {
    _id: ObjectId('66d017d3f7d5d9c0bc5362a2'),
    name: 'KunalVaishnav',
    password: 'ssddffgghh',
    city: 'TAMIL NADU',
    dob: '2024-08-07',
    email: 'ksharmaa121@gmail.com',
    message: ''
  },
```

```
const { MongoClient } = require('mongodb')
const url = "mongodb://localhost:27017"
const con = new MongoClient(url)

const getDb = async () => {
    const db = await con.db('test');
    console.log("Connection Success");
    return db;
}
const db = getDb();
const addUser = async (userObje) => {
    const collection = (await db).collection('user');
    const result = await collection.insertOne(userObje);
    console.log(result)
    return result;
}
module.exports = { addUser };
```

Login




```
import React, { useState } from 'react';
import './Login.css';
import axios from 'axios';

const LoginForm = () => {
    const [name, setName] = useState('');
    const [password, setPassword] = useState('');

    const handleSubmit = async ()=>{
        const Userdata={
            name: name,
            password: password,
        }
```

```
        const response = await axios.post('http://localhost:8000/login',Userdata)


        console.log(response.status);


        setName('')
        setPassword('')


        console.log('second')
    }


    return (
        <>
        <div className='loginimage'>
          <nav className="navbar navbar-expand-lg navbar-light bg-light">
        <div className="container-fluid">
            <a className="navbar-brand" href="#">MusicStreamer.in</a>
            <button className="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle
navigation">
                <span className="navbar-toggler-icon"></span>
            </button>
        </div>


            <div className="collapse navbar-collapse"
id="navbarSupportedContent">
```

```
        <ul className="navbar-nav me-auto mb-2 mb-lg-0">
        <li className="nav-item">
           <a className="nav-link active" aria-current="page" href="/Home">
           <button className='home-button'>Home</button></a>
           </li>
        </ul>
     </div>
  </nav>
<div className="login-container">
    <form onSubmit={handleSubmit} className="login-form">
        <h1 style={{backgroundColor:"white",padding:3}}>LOG IN</h1>
        <label htmlFor="name">NAME </label>
        <input
           id="name"
           type="text"
           value={name}
           onChange={(e) => setName(e.target.value)}
           placeholder="Enter Name Here..."
           required
        />
        <label htmlFor="password">PASSWORD </label>
        <input
           id="password"
           type="password"
           value={password}
```

```
                onChange={(e) => setPassword(e.target.value)}
                placeholder="Enter Password..."
                required
              />
             <button className="loginbutton"
onClick={handleSubmit}>Login</button>
              <p className="signup-link">
                Don't have an account?<br />
                <a href="/SignUp">sign up</a> here
              </p>
            </form>


        </div>
        </div>
        </>
    );
};

export default LoginForm;
```

Login Database

```
const {MongoClient} = require('mongodb')

const url = "mongodb://localhost:27017"
const con = new MongoClient(url)

 const getDb = async()=>{
    const db = await con.db('test');
    console.log("Connection Success!!!!!");
    return db;
}
const db = getDb();

const findUser = async(userObje)=>{
    const collection = (await db).collection('user');
    const result = await collection.findOne(userObje)
    return result;
}
module.exports={findUser};
```

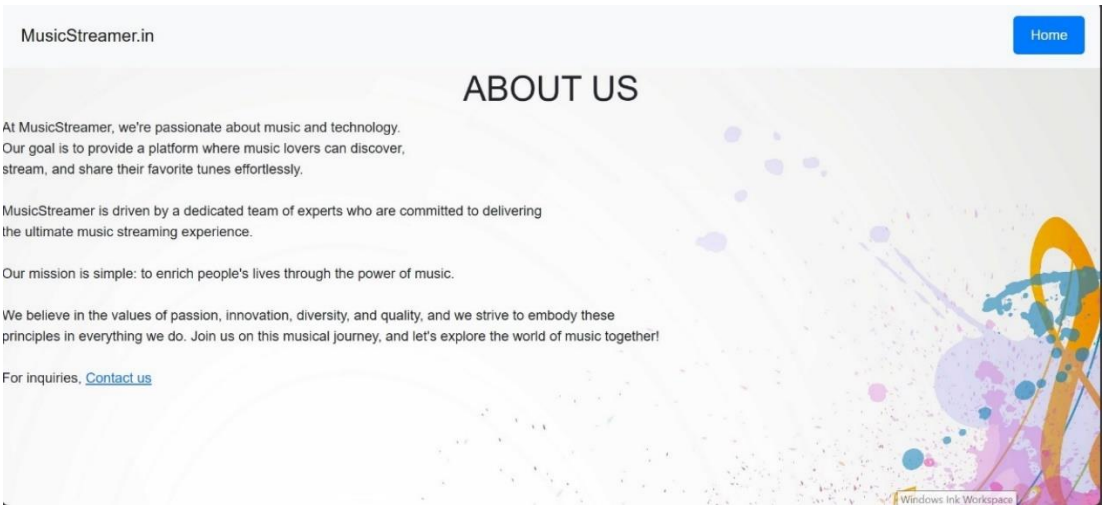
Server

```
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node server.js`
Server Running On Port 8000
Connection Success
Connection Success!!!!!
Connection Success!!!!!
```

```
const { addUser } = require("./src/db")
const express = require('express')
const cors = require('cors')
const { findUser } = require("./src/findDb")
const { menu } = require("./src/menu")

const app = express()
app.use(cors())
app.use(express.json())
app.use(express.urlencoded({extended:true}))

app.post('/signup',(req,res)=>{
    console.log('sigup calling!!!!!!!!!')
    const data =req.body
    const result=addUser(data)
    res.json(result);
})
```

```
app.post('/login',async (req,res)=>{
    const data =req.body
    const result=await findUser(data)
    if(result)
    {
        res.json({status:1})
    }
    else{
        res.json({status:0})
    }
    console.log("Login Successs")
})
app.get('/menu',async (req,res)=>{
    const result=await menu()
    if(result)
    {
        res.json({status:1,data:result})
    }
    else{
        res.json({status:0})
    }
})
.listen(8000,()=>{
    console.log("Server Running On Port 8000");
})
```

About Us

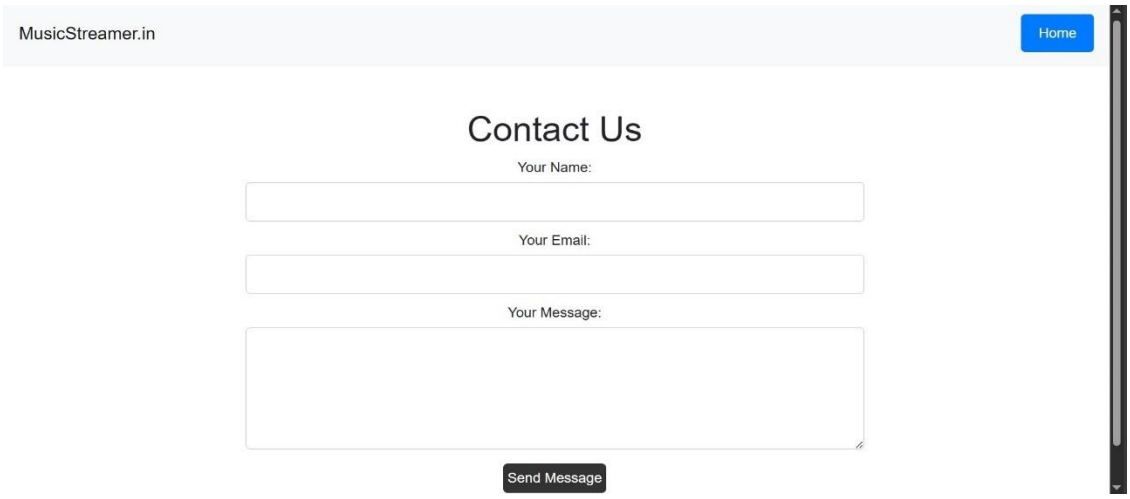



```
import React from 'react';
import './About.css'


const AboutUs = () => {
   return (
      <>
      <div className='aboutbgimage'>
      <nav className="navbar navbar-expand-lg navbar-light bg-light">
      <div className="container-fluid">
         <a className="navbar-brand" href="#">MusicStreamer.in</a>
         <button className="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle
navigation">
            <span className="navbar-toggler-icon"></span>
         </button>
```

```
      </div>


          <div className="collapse navbar-collapse"
id="navbarSupportedContent">
            <ul className="navbar-nav me-auto mb-2 mb-lg-0">
              <li className="nav-item">
                <a className="nav-link active" aria-current="page"
href="/Home">
                  <button className='home-button'>Home</button></a>
              </li>
            </ul>
          </div>
        </nav>
      <div className="text">
          <h1>ABOUT US</h1>
          <p>
            At MusicStreamer, we're passionate about music and technology.<br />
            Our goal is to provide a platform where music lovers can discover,<br
/>
            stream, and share their favorite tunes effortlessly.<br /><br />
            MusicStreamer is driven by a dedicated team of experts who are
committed to delivering<br />
            the ultimate music streaming experience.<br /><br />
            Our mission is simple: to enrich people's lives through the power of
music.<br /><br />
            We believe in the values of passion, innovation, diversity, and quality,
and we strive to embody these<br />
```

```
            principles in everything we do. Join us on this musical journey, and let's
explore the world of music together!<br /><br />

            For inquiries, <a href="/contactus">Contact us</a>

          </p>

      </div>

      </div>

      </>

   );

};


export default AboutUs;
```

Contact Us




```
import React, { useState } from 'react';
import './ContactUs.css';
const ContactForm = () => {
    const [name, setName] = useState('');
    const [email, setEmail] = useState('');
    const [message, setMessage] = useState('');
    const [response, setResponse] = useState('');

    const handleSubmit = (e) => {
        e.p reventDefault();
        console.log('Form submitted', { name, email, message });
        setResponse('Your message has been sent successfully.');
        setName('');
        setEmail('');
        setMessage('');
    };
```

```
    return (
        <>
        <nav className="navbar navbar-expand-lg navbar-light bg-light">
        <div className="container-fluid">
            <a className="navbar-brand" href="#">MusicStreamer.in</a>
            <button className="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle
navigation">
                <span className="navbar-toggler-icon"></span>
            </button>
        </div>

            <div className="collapse navbar-collapse"
id="navbarSupportedContent">
                <ul className="navbar-nav me-auto mb-2 mb-lg-0">
                    <li className="nav-item">
                    <a className="nav-link active" aria-current="page" href="/Home">
                    <button className='home-button'>Home</button></a>
                    </li>
                </ul>
            </div>
         </nav>
        <div className="container">
            <h1>Contact Us</h1>
            <form onSubmit={handleSubmit}>
```

```
<label>Your Name:</label>
<input
  type="text"
  value={name}
  onChange={(e) => setName(e.target.value)}
  required
/>

<label>Your Email:</label>
<input
  type="email"
  value={email}
  onChange={(e) => setEmail(e.target.value)}
  required
/>

<label>Your Message:</label>
<textarea
  value={message}
  onChange={(e) => setMessage(e.target.value)}
  rows="5"
  required
/>
```

```
            <input type="submit" value="Send Message" />
          </form>
          {response && <p>{response}</p>}
        </div>
        </>
    );
};

export default ContactForm;
```

References

Navbar · Bootstrap v5.0 (getbootstrap.com)

Cards · Bootstrap v5.0 (getbootstrap.com)

Buttons · Bootstrap v5.0 (getbootstrap.com)

Carousel · Bootstrap v5.0 (getbootstrap.com)