

Step1: Folders and Files

```
C:\demo\jsmarch24\L20>mkdir enquiry_project
C:\demo\jsmarch24\L20>cd enquiry_project
C:\demo\jsmarch24\L20\enquiry_project>mkdir server
C:\demo\jsmarch24\L20\enquiry_project>mkdir client
```

Step2: React JS

S1:

```
C:\demo\jsmarch24\L20\enquiry_project>cd client
C:\demo\jsmarch24\L20\enquiry_project\client>npx create-react-app enapp
C:\demo\jsmarch24\L20\enquiry_project\client>cd enapp
C:\demo\jsmarch24\L20\enquiry_project\client\enapp>npm install axios
C:\demo\jsmarch24\L20\enquiry_project\client\enapp>cd src
C:\demo\jsmarch24\L20\enquiry_project\client\enapp\src>notepad Enquiry.js
C:\demo\jsmarch24\L20\enquiry_project\client\enapp\src>cd..
C:\demo\jsmarch24\L20\enquiry_project\client\enapp>npm start
```

S2:

Enquiry.js

```
import { useState, useRef } from "react";
import axios from "axios";
export default function Enquiry()
{
    const rName = useRef();
    const [name, setName] = useState("");
    const [phone, setPhone] = useState("");
    const [query, setQuery] = useState("");
    const [msg, setMsg] = useState("");

    const hName = (event) => { setName(event.target.value); }
    const hPhone = (event) => { setPhone(event.target.value); }
    const hQuery = (event) => { setQuery(event.target.value); }

    const save = (event) => {
        event.preventDefault();
        let data = {name, phone, query};
        let url = "http://localhost:9000/save";
        axios.post(url, data)
            .then(res => {
                setMsg("we will get back to u");
                setName("");
                setPhone("");
                setQuery("");
                rName.current.focus();
            })
            .catch( err => setMsg("issue " + err) );
    }
}
```



```

    return(
      <>
      <center>
      <h1> Fill The Form </h1>
      <form onSubmit={save}>
      <input type="text" placeholder="enter name "
      onChange={hName} value={name} ref={rName}/>
      <br/><br/>
      <input type="number" placeholder="enter phone "
      onChange={hPhone} value={phone} />
      <br/><br/>
      <textarea placeholder="enter query"
      onChange={ hQuery} value={query} rows={3} cols={30}></textarea>
      <br/><br/>
      <input type="Submit" />
      </form>
      <h2> { msg } </h2>
      </center>
    </>
  );
}

```

App.js

```

import logo from './logo.svg';
import './App.css';
import Enquiry from './Enquiry';

```

```

function App() {
  return (
    <Enquiry/>
  );
}

```

```

export default App;

```

App.css

```

* { font-size:2.5vw; }
body { background-color:azure; }
textarea { resize:none; }

```


Step3: Express JS

S1:

```
C:\demo\jsmarch24\L20\enquiry_project\server>npm install express cors nodemailer
```

```
C:\demo\jsmarch24\L20\enquiry_project\server>notepad index.js
```

```
C:\demo\jsmarch24\L20\enquiry_project\server>nodemon index.js
```

S2:

index.js

```
const express = require("express");
const cors = require("cors");
const nodemailer = require("nodemailer");
const app = express();
app.use(cors());
app.use(express.json());

app.post("/save", (req, res) => {
  let data = [req.body.name, req.body.phone, req.body.query]
  let name = req.body.name;
  let txt = "name = " + name + " phone = " + req.body.phone + " query = " + req.body.query;

  let transporter = nodemailer.createTransport({
    service: "gmail",
    auth: {
      user: "tester18april24@gmail.com",
      pass: "sfrfslgqgsokkcb"
    }
  })

  let mailOptions = {
    from: "tester18april24@gmail.com",
    to: "classeskamalsir@gmail.com",
    subject: "Enquiry from " + name,
    text: txt
  }

  transporter.sendMail(mailOptions, (err, info) => {
    if (err) {
      console.log("mail err ", err);
      res.status(500).json(err);
    }
    else {
      console.log("mail send", info.response);
      res.status(200).json("mail send");
    }
  })
});

app.listen(9000, () => { console.log("ready @ 9000"); });
```