

PROJECT REPORT

(Project Term January- May 2023)

Personal Portfolio

Submitted by

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Registration Number: - 12017372

Course Code: - INT252

Course Title: - Web App Development with ReactJS

Submitted To

Karthick Panneerselvam

School of Computer Science and Engineering



DECLARATION

I hereby declare that the project work entitled “Personal Portfolio” is an authentic record of my own work carried out as requirements of Capstone Project for the award of B. Tech degree in Computer Science and Engineering from Lovely Professional University, Phagwara, under the guidance of Karthick Panneerselvam, during January to May 2023. All the information furnished in this project report is based on my own intensive work and is genuine.

Name of Student: Ummul Zehra

Registration Number: 12017372

Date: 10th April, 2023.

CERTIFICATE

This is to certify that the declaration statement made by the student is correct to the best of my knowledge and belief. He /She have completed this Project under my guidance and supervision. The present work is the result of his/her original investigation, effort, and study. No part of the work has ever been submitted for any other degree at any University. The Project is fit for the submission and partial fulfillment of the conditions for the award of B.Tech degree in Computer Science and Engineering from Lovely Professional University, Phagwara.

Signature and Name of the Staff

Designation

School of Computer Science and Engineering,
Lovely Professional University,
Phagwara, Punjab.

Date :

Table of Content

S.I No	TOPIC	PAGE NO.
1.	Declaration	2
2.	Certification	3
3.	Introduction	5-6
4.	Overview	7-12
5.	Components	13-14
6.	Pictures	15-17
7.	GitHub/Link	17
8.	Bibliography	18

INTRODUCTION

React is a library for building composable user interfaces. It encourages the creation of reusable UI components, which present data that changes over time. Lots of people use React as the V in MVC. React abstracts away the DOM from you, offering a simpler programming model and better performance. React can also render on the server using Node, and it can power native apps using React Native. React implements one-way reactive data flow, which reduces the boilerplate and is easier to reason about than traditional data binding.

React Features

- **JSX** – JSX is JavaScript syntax extension. It isn't necessary to use JSX in React development, but it is recommended.
- **Components** – React is all about components. You need to think of everything as a component. This will help you maintain the code when working on larger scale projects.
- **Unidirectional data flow and Flux** – React implements one-way data flow which makes it easy to reason about your app. Flux is a pattern that helps keeping your data unidirectional.

React Advantages

- Uses virtual DOM which is a JavaScript object. This will improve apps performance, since JavaScript virtual DOM is faster than the regular DOM.
- Can be used on client and server side as well as with other frameworks.
- Component and data patterns improve readability, which helps to maintain larger apps.

React Limitations

- Covers only the view layer of the app, hence you still need to choose other technologies to get a complete tooling set for development.
- Uses inline templating and JSX, which might seem awkward to some developers.

INTRODUCTION OF THE PROJECT

The Personal Portfolio has been made using ReactJS using several components, libraries, in-built functions and many more. Portfolio contains a little description about me and my interest along with my projects I have worked on as well as my contact details and customer reviews.

Portfolio has been made with technologies like HTML, CSS, JavaScript, ReactJs.

Certain external elements have been adding like MailJs to fetch UserID, TemplateID and ServiceID to send back the customer request to me.

Different tags like <div>, <anchor>, <heading>, has been used multiple times in making of this project main code.

The styling of the project has been kept subtle and professional to sooth human's eye.

All the styling of the project has been done with different properties of CSS.

I have used different properties of CSS like padding, width, height, background, margin, text-align and so many more.

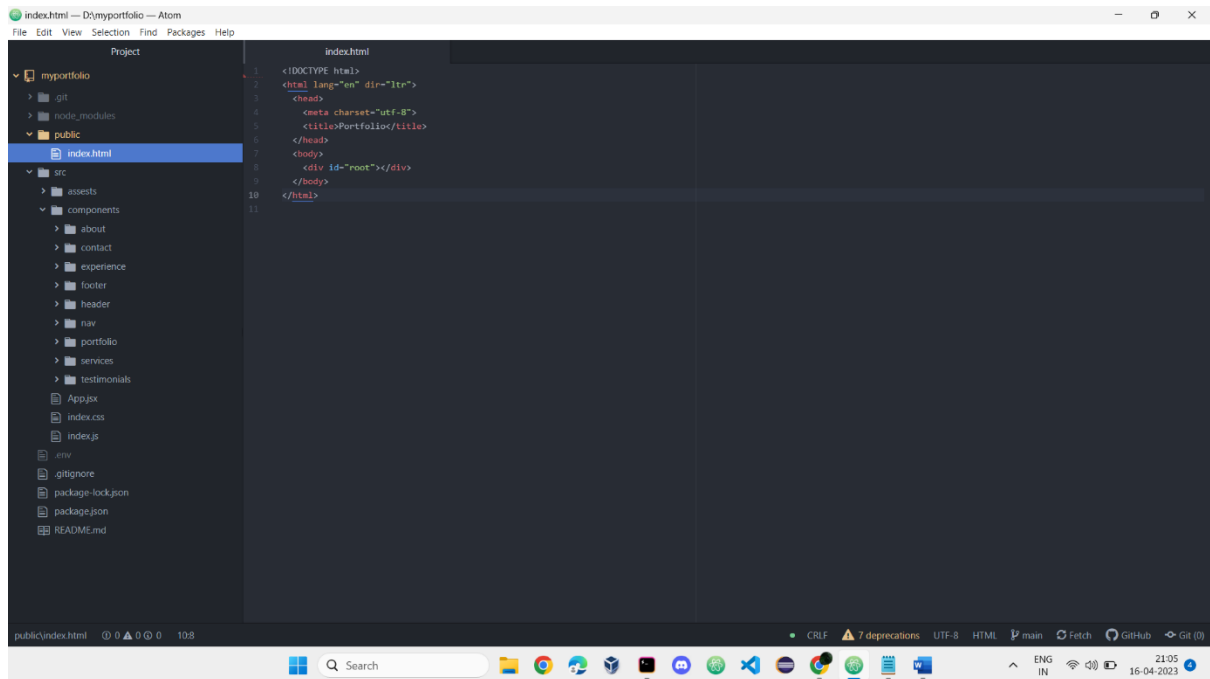
The portfolio is very helpful to me in my career. Having a digital portfolio not only will help me in getting good opportunities but it will also help me to showcase my skill, projects, and interest.

The complete portfolio is responsive made with different tags, components, and libraries.

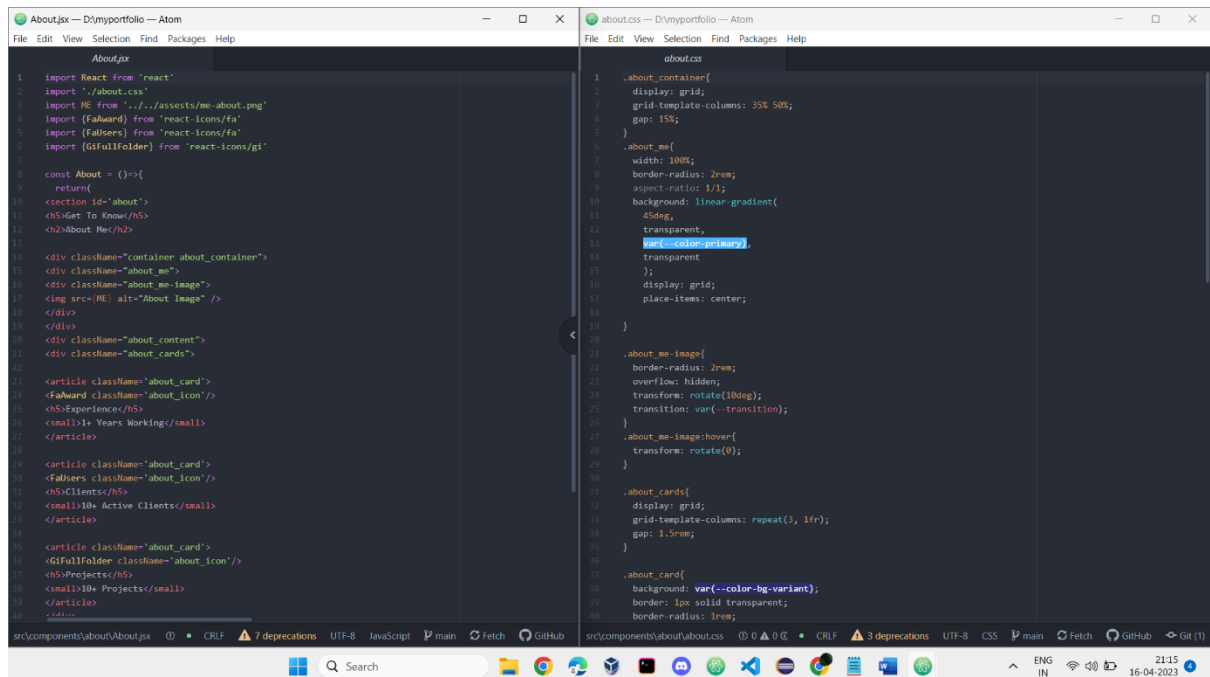
Application Used:- Atom Editor

Some Overview of my Code:-

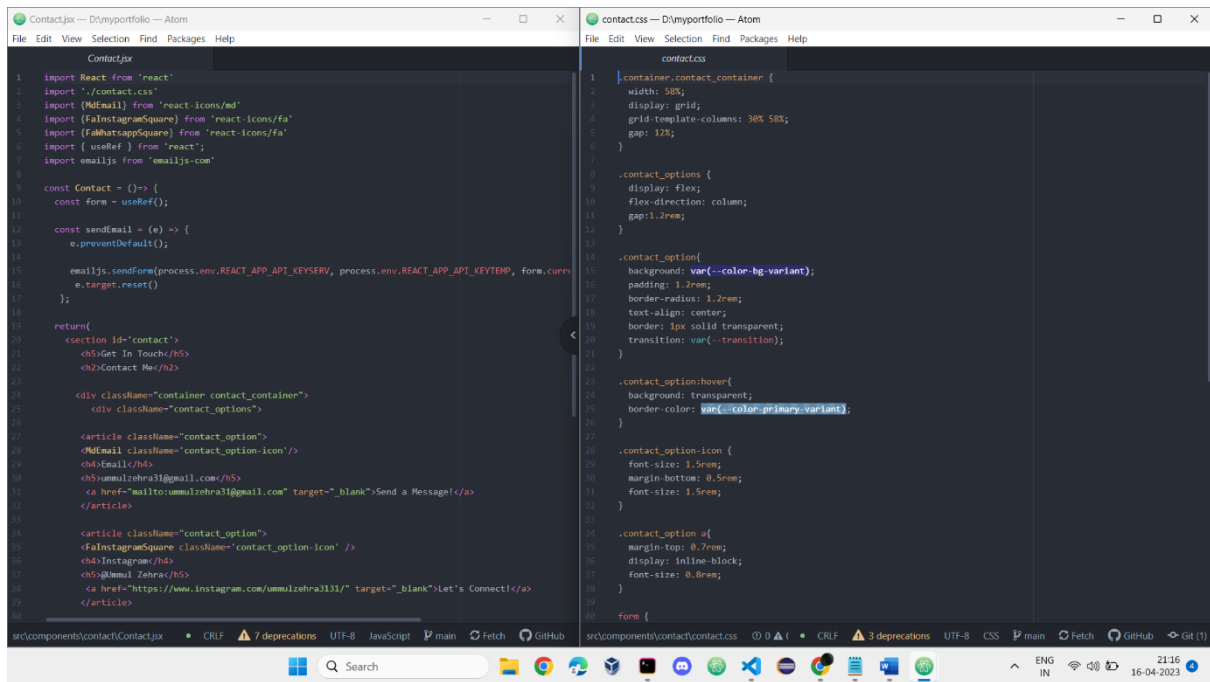
1. Main folder with different files and sub-folder and sub-files



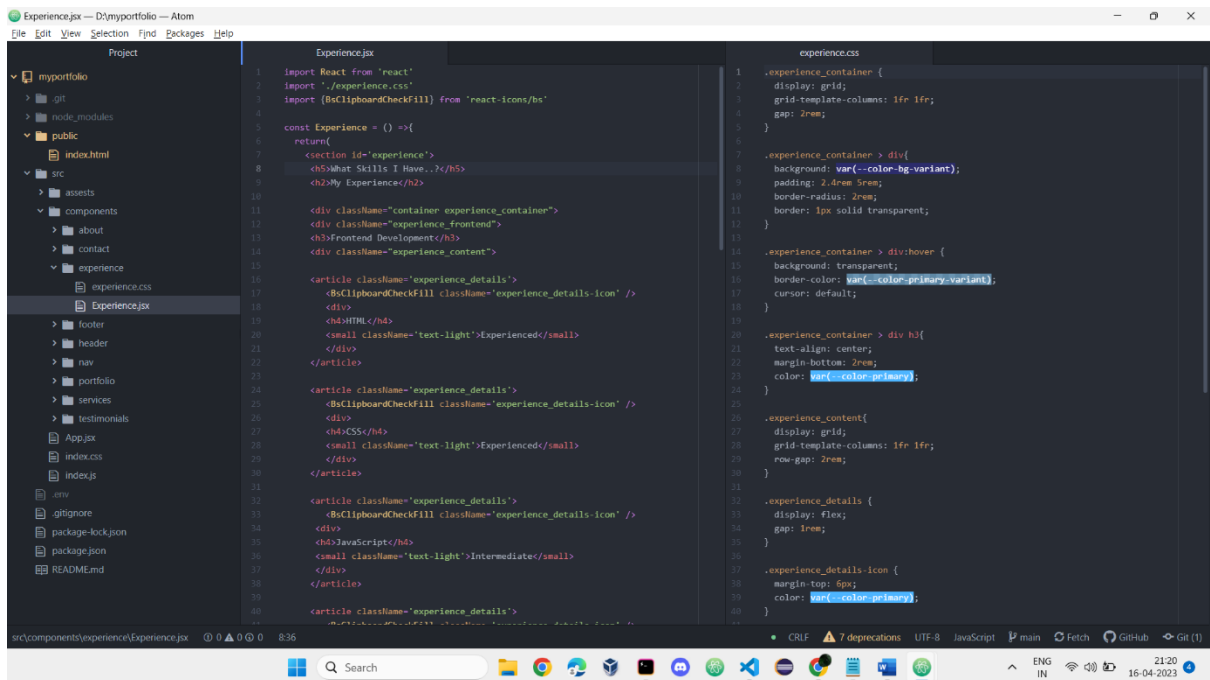
2. About component having About.jsx and about.css files



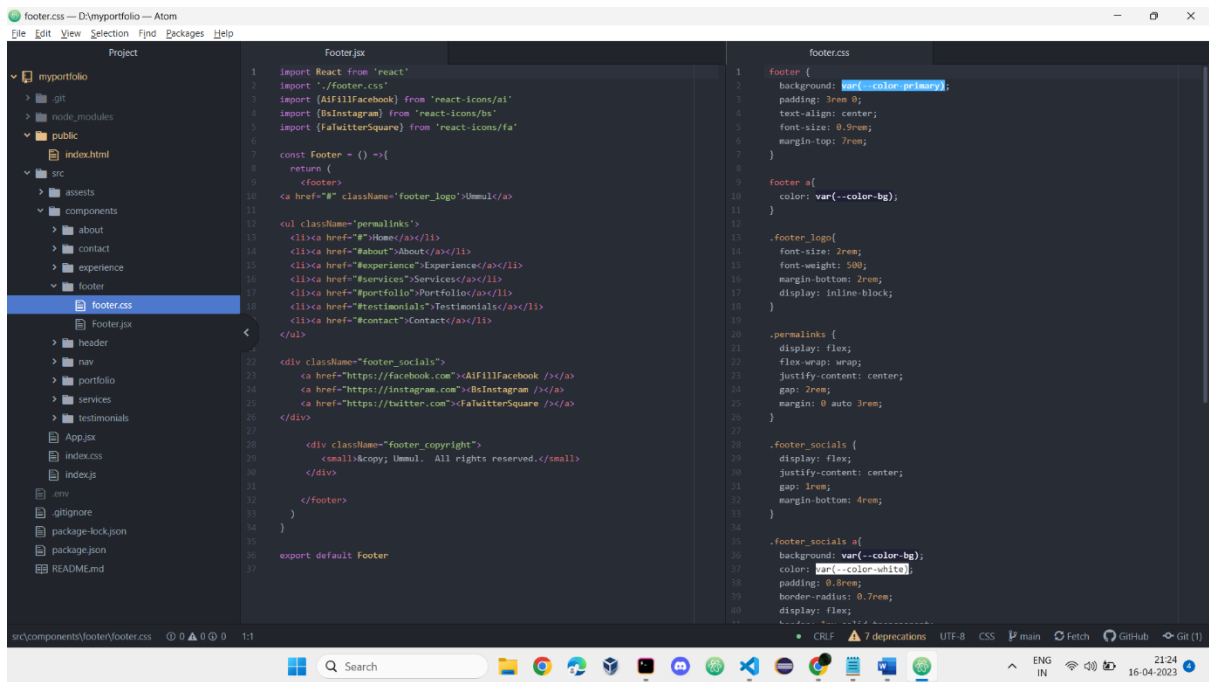
3. Contact component having Contact.jsx and contact.css files



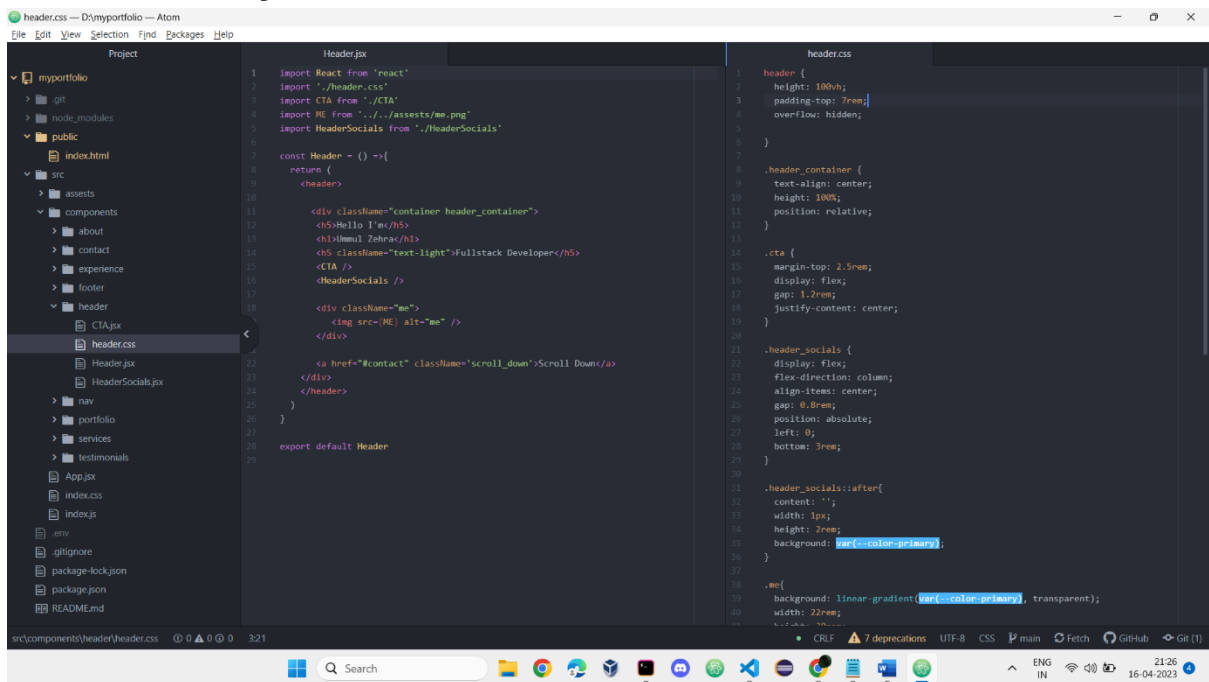
4. Experience component having Experience.jsx and experience.css files

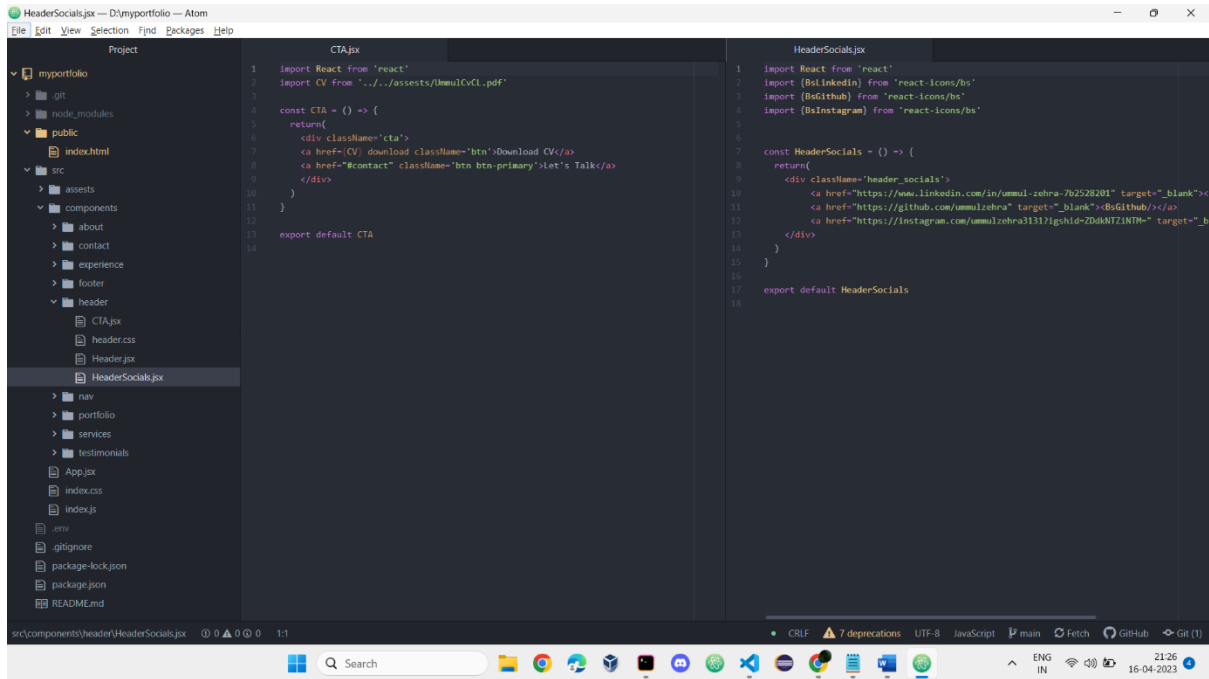


5. Footer component having Footer.jsx and footer.css files

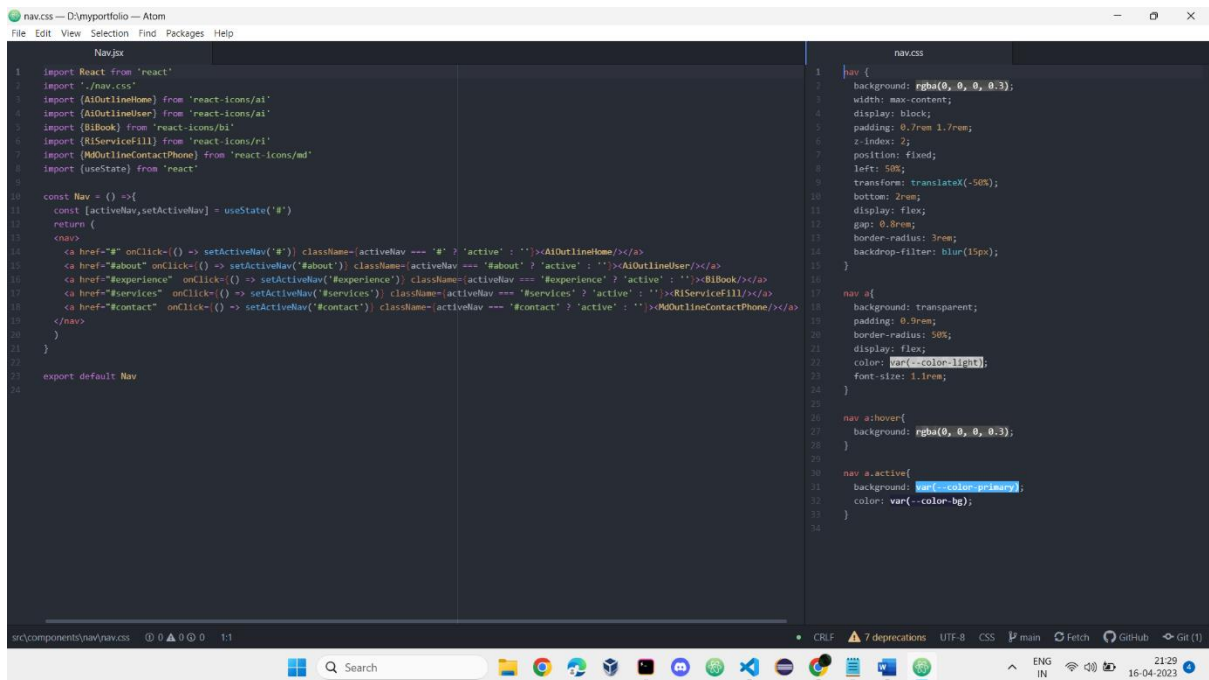


6. Header component having Header.jsx, header.css, CTA.jsx and HeaderSocials.jsx files

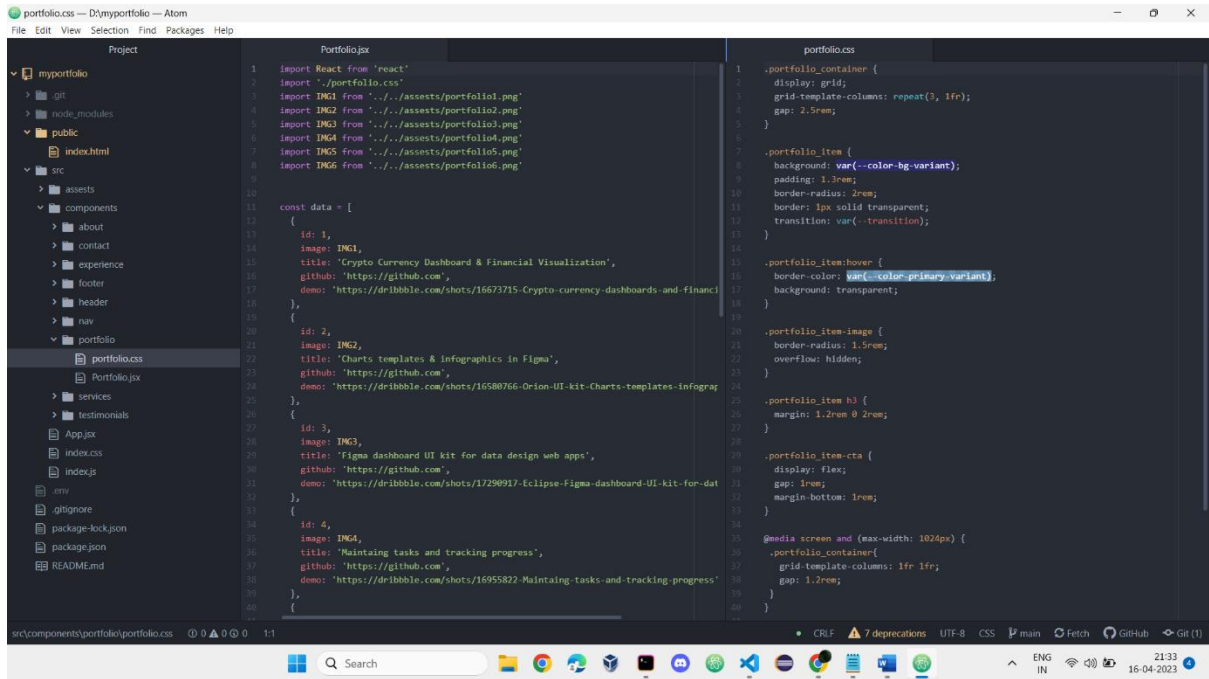


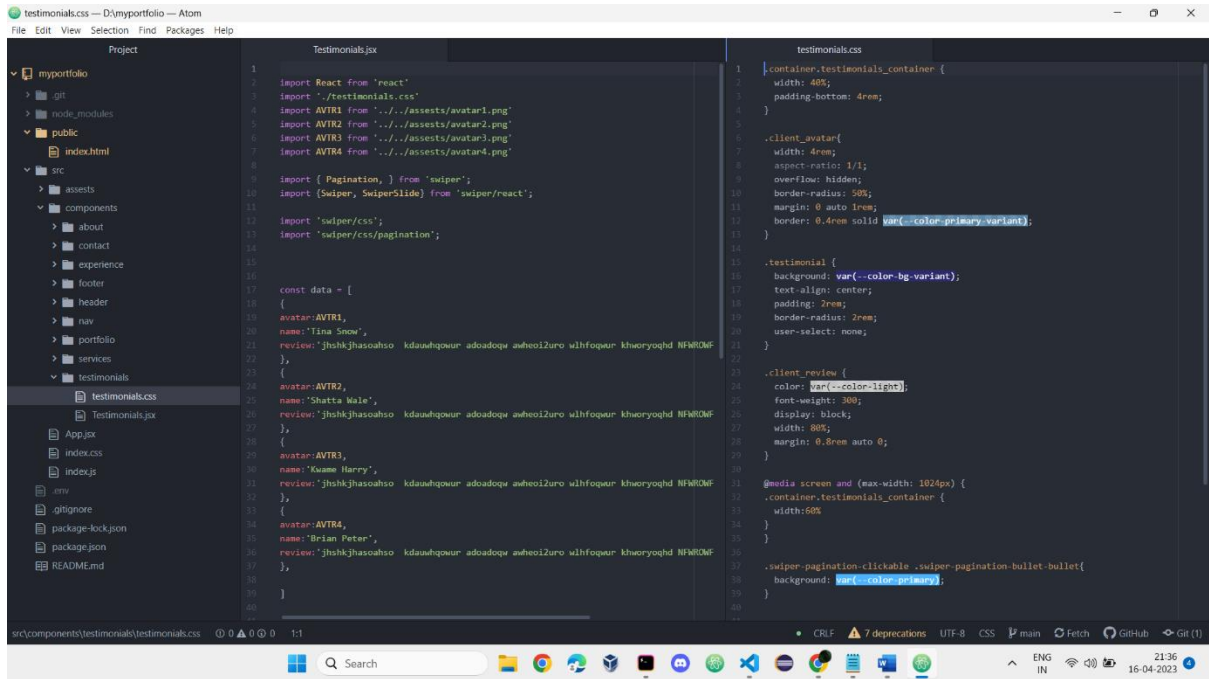


7. Nav component having Nav.jsx and nav.css files



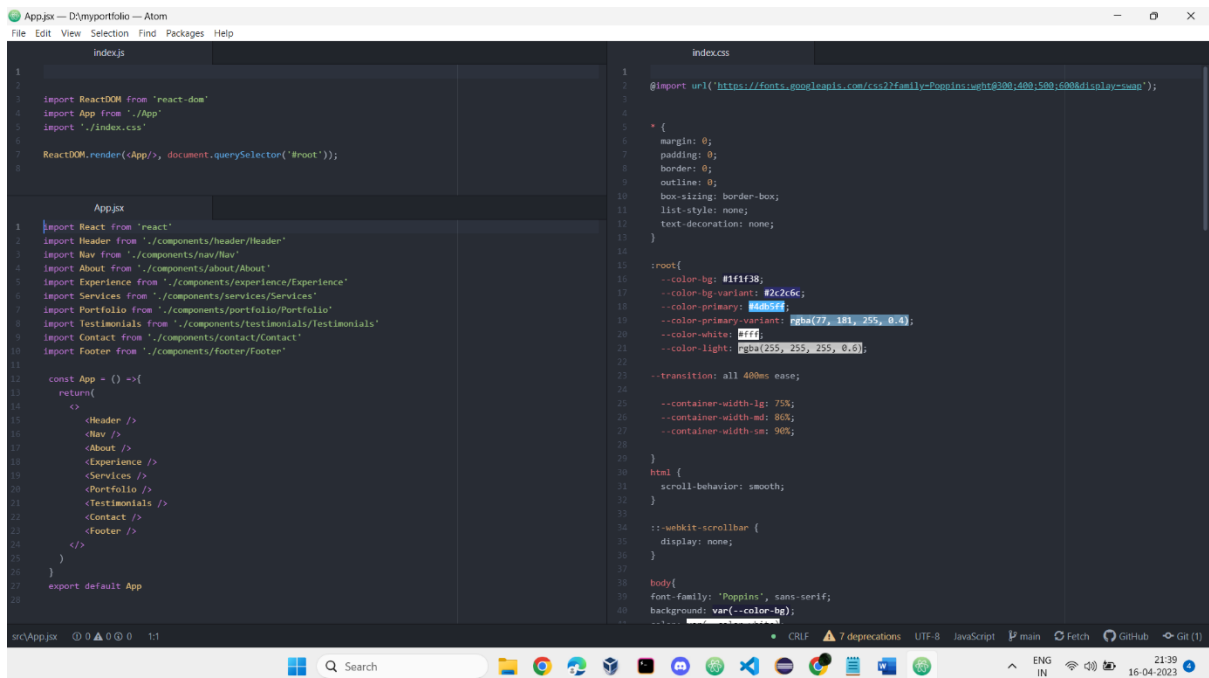
8. Portfolio component having Portfolio.jsx and portfolio.css files





Now some very important and main files of the project apart from components,

11. index.js , index.css and App.jsx files



How all the components and files work in my project?

About Component:-

The component About creates a section of the project where who I am, what my interest are, and what all experience I have as web developer along with my photograph is created. It has two files, About.jsx and about.css containing the main code and styling code respectively.

Contact Component:-

The component Contact creates a section in which the client or an organization can contact me through Email, or can connect with me on Instagram or WhatsApp. They can also contact me or raise their queries through the form which has been created in this section. It has two files, Contact.jsx and contact.css containing the main code and styling respectively.

Experience Component:-

The experience component makes a section in portfolio in which all my experiences are mentioned along with my skills level. It has two files, Experience.jsx and experience.css having main code and styling of the section respectively.

Footer Component:-

The footer component creates the footer of the portfolio having the copyright and all the sections listed below, on which clicking, a person can directly access those section. It also some features like , people can connect to me through Instagram, twitter, or Facebook. It also has two files, Footer.jsx and footer.css which are responsible for creating and styling the footer respectively.

Header Component:-

The header component has four files, Header.jsx, header.css, CTA.jsx and HeaderSocials which contains the main code in which the name and designation is mentioned along with an option where a person can download my CV directly on clicking the button. It also a scroll down option along with my socials accounts mentioned.

Nav Component:-

The nav component created a navigation bar just on bottom of Portfolio. It has five options i.e., the homepage, about, experience, services and contact. On clicking to any of these five options , a person can directly navigate to any of those clicked sections.

It also has two files inside the component i.e., Nav.jsx and nav.css responsible for creating and styling of the section.

Portfolio Component:-

The portfolio component creates a section where all of my work and projects are mentioned. It has two files inside it namely Portfolio.jsx and portfolio.css , for creating and styling of the component.

Services Component:-

The services component tells a client about all the services I can offer to them, listing major skills. It has two files, Services.jsx and services.css for creating and styling the section on my portfolio.

Testimonials Component:-

The testimonials component has all the reviews and praises which my clients had given to me on the services I had provided to them. It also has two files, Testimonials.jsx and testimonials.css for creating and styling the component.

App.jsx:-

Inside App.jsx , all the components have been imported so that they can easily be accessed throughout the project.

Index.css:-

In this CSS, styling file, all the global styling has been done through different CSS properties and values.

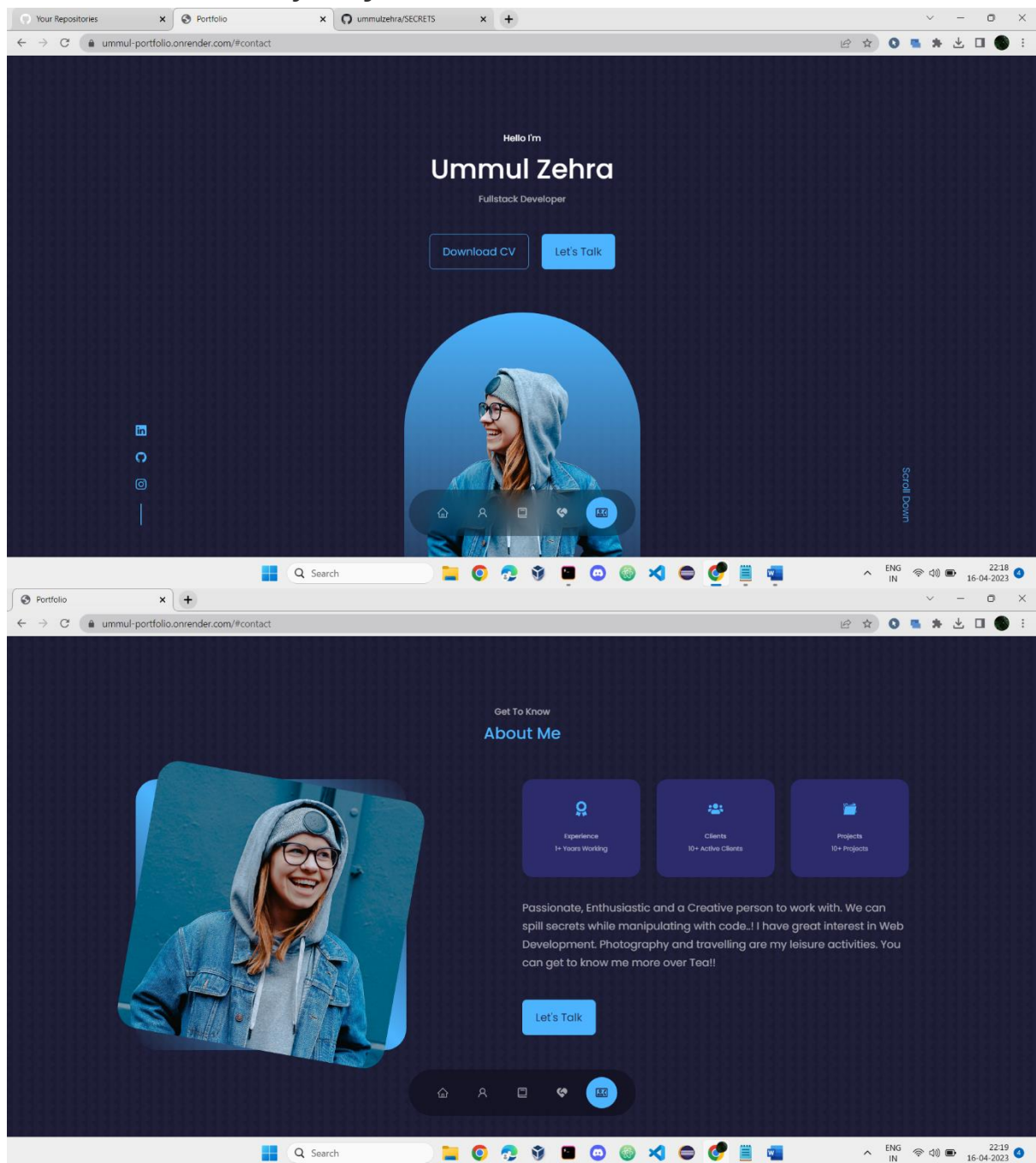
Index.js:-

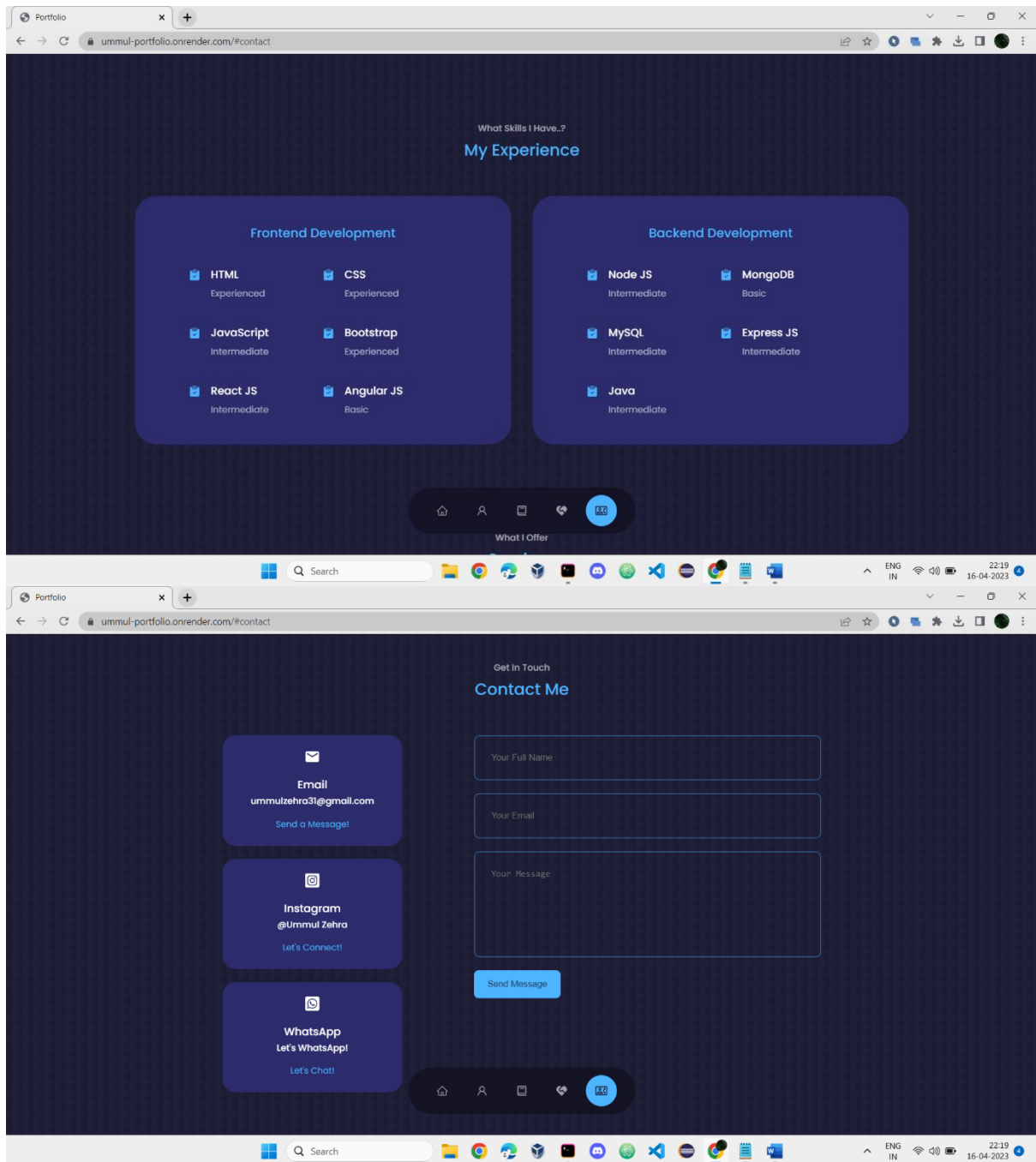
In this file, we have rendered our main component i.e., root.

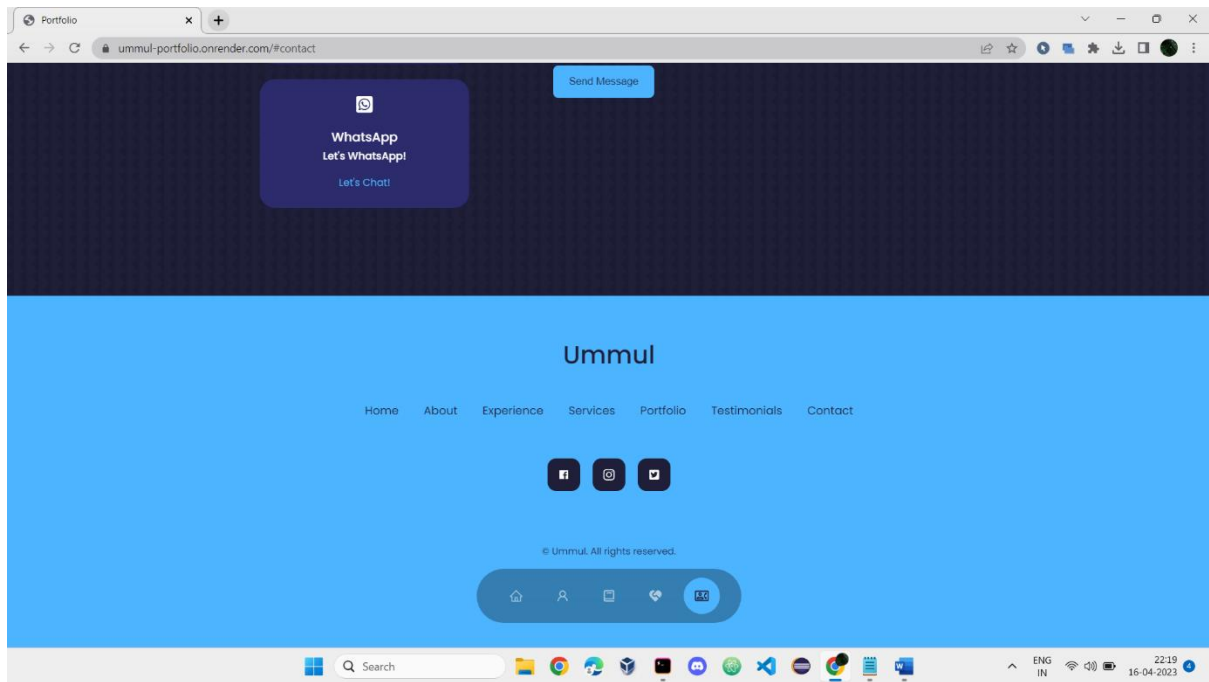
Index.html:-

In this file, the main HTML file of our app that includes our react code and provides a context for react to render on is present.

Some Pictures of my Project Portfolio:-







GitHub link:- <https://github.com/ummulzehra/MYPORT>

Link of Project(deployed on onrender.com):-

<https://ummul-portfolio.onrender.com/>

Bibliography: -

www.google.com

<https://react.dev/>

<https://www.youtube.com/>

<https://www.w3schools.com/>