MY PORTFOLIO

REACT JS PROJECT



Training Project Report

*in partial fulfilment for the award of the degree of*

BACHELOR OF TECHNOLOGY IN

COMPUTER SCIENCE ENGINEERING

AT

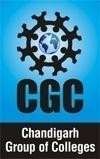
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COLLEGE Of ENGINEERING, LANDRAN, MOHALI

**SUBMITTED BY:**

**ANCHIT GUPTA**

**2018828**

**CGC- College of Engineering**

**Landran, Mohali**

DECLARATION BY CANDIDATE

I hereby certify that the work which is being presented in the report entitled “**MY PORTFOLIO”** in partial fulfilment for the award of the Degree of Bachelor of Technology in Computer Science and Engineering affiliated to **Punjab Technical University, Jalandhar** and submitted to the Department of Computer Science and Engineering of CGC-College Of Engineering, is an authentic record of my own work carried out during a period from **July 2022 to August 2022**. The matter represented in this report has not been submitted by me for award of any other degree of this or any other institute/university.

Date: - 12/08/2022 Anchit Gupta

2018828

This is to certify that the above statement made by the candidate is correct to the best of our knowledge.

Date: Training Head Head – CSE

**ABSTRACT**

React JS has come at a good time helping the developers to build highly engaging web apps and user interfaces within quick time. It allows you to break down the components and create a single page application with less coding.

Moreover, the virtual DOM also integrates the performance and React JS is also known to be SEO friendly. You can develop large scale apps with frequently changing data. It is due to these major advantages that React JS has gained much spotlight.React JS has come at a good time helping the developers to build highly engaging web apps and user interfaces within quick time. It allows you to break down the components and create a single page application with less coding.

Moreover, the virtual DOM also integrates the performance and React JS is also known to be SEO friendly. You can develop large scale apps with frequently changing data. It is due to these major advantages that React JS has gained much spotlight.

ReactJS is a declarative, efficient, and flexible JavaScript library for building reusable UI components. It is an open-source, component-based front-end library which is responsible only for the view layer of the application. It was initially developed and maintained by Facebook and later used in its products like WhatsApp & Instagram. The main objective of ReactJS is to develop User Interfaces (UI) that improves the speed of the apps. It uses virtual DOM (JavaScript object), which improves the performance of the app. The JavaScript virtual DOM is faster than the regular DOM. We can use ReactJS on the client and server-side as well as with other frameworks. It uses component and data patterns that improve readability and helps to maintain larger apps.

#### **ACKNOWLEDGEMENT**

I have taken keen efforts in this project. However, it would not have been possible without the kind support and help of my HOD Dr. Pankaj Palta and all the training faculties. I would like to extend my sincere thanks to them.

I am highly indebted to my respected teachers of CGC-College of Engineering, Landan, Mohali for their guidance and constant supervision as well as for providing necessary information regarding the project & also for their support in completing the project.

I would like to express my gratitude towards my parents for their kind cooperation and encouragement which helped me in completion of this project.

My thanks and appreciation also go to my friends in developing the project.

**ANCHIT GUPTA**

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**INTRODUCTION**

"React (also known as React.js or ReactJS) is a free and open-source front-end JavaScript library for building user interfaces based on UI components." (“React (JavaScript library) - Wikipedia”) It is maintained by Meta (formerly Facebook) and a community of individual developers and companies. React can be used as a base in the development of single-page, mobile, or server-rendered applications with frameworks like Next.js. However, react is only concerned with state management and rendering that state to the DOM, so creating React applications usually requires the use of additional libraries for routing, as well as certain client-side functionality.

The main objective of ReactJS is to develop User Interfaces (UI) that improves the speed of the apps. It uses virtual DOM (JavaScript object), which improves the performance of the app. The JavaScript virtual DOM is faster than the regular DOM. We can use ReactJS on the client and server-side as well as with other frameworks. It uses component and data patterns that improve readability and helps to maintain larger apps.

ReactJS is a simple, feature rich, component-based JavaScript UI library. It can be used to develop small applications as well as big, complex applications. ReactJS provides minimal and solid feature set to kick-start a web application. React community compliments React library by providing large set of ready-made components to develop web application in a record time. React community also provides advanced concept like state management, routing, etc., on top of the React library.

A React application is made of multiple components, each responsible for rendering a small, reusable piece of HTML. Components can be nested within other components to allow complex applications to be built out of simple building blocks. A component may also maintain an internal state – for example, a Tablist component may store a variable corresponding to the currently open tab.

## **Why ReactJS?**

Today, many JavaScript frameworks are available in the market (like angular, node), but still, React came into the market and gained popularity amongst them. The previous frameworks follow the traditional data flow structure, which uses the DOM (Document Object Model). DOM is an object which is created by the browser each time a web page is loaded. It dynamically adds or removes the data at the back end and when any modifications were done, then each time a new DOM is created for the same page. This repeated creation of DOM makes unnecessary memory wastage and reduces the performance of the application.

**Features**

The salient features of React library are as follows −

Solid base architecture

Extensible architecture

Component based library

JSX based design architecture

Declarative UI library

**Applications**

Few popular websites powered by React library are listed below −

Facebook, popular social media application

Instagram, popular photo sharing application

Netflix, popular media streaming application

Code Academy, popular online training application

Reddit, popular content sharing application

**TECHNOLOGY USED**

I have mainly used **React JS** as the main technology to develop my project. Apart from that I have also implemented our project using the React styled-component and material UI. The main reason for choosing React to develop my project is that React is a dynamic tool for developing single page applications. In addition to that, since I have also done my training in React JS, so I thought in doing hands on with React in developing my project. The other advantages of using React are as follows:

Declarative

ReactJS enables significant data changes that result in automatic alteration in the selected parts of user interfaces. Owing to this progressive functionality, there is no additional function that you need to perform to update your user interface.

Provides Reusable Components

ReactJS provides reusable components that developers have the authority to reuse and create a new application. Reusability is exactly like a remedy for developers. This platform gives the developers the authority to reuse the components build for some other application having the same functionality. Thereby, reducing the development effort and ensuring a flawless performance.

**JavaScript library**

A strong blend of JavaScript and HTML syntax is always used, which automatically simplifies the entire process of writing code for the planned project. The JS library consists of several functions including one that converts the HTML components into required functions and transforms the entire project so that it is easy to understand.

Components Support

ReactJS is a perfect combination of JavaScript and HTML tags. The usage of the HTML tags and JS codes, make it easy to deal with a vast set of data containing the document object model. During this time, ReactJS works as a mediator which represents the DOM and assists to decide which component needs changes to get the exact results.

SOME OTHER TECHNOLOGIES USED ARE:

**HTML** was developed with the intent of defining the structure of documents like headings, paragraphs, lists, and so forth to facilitate the sharing of scientific information between researchers. Now, HTML is being widely used to format web pages with the help of different tags available in HTML language. key advantages of learning HTML:

Create Web site - You can create a website or customize an existing web template if you know HTML well.

Become a web designer - If you want to start a carrer as a professional web designer, HTML and CSS designing is a must skill.

Understand web - If you want to optimize your website, to boost its speed and performance, it is good to know HTML to yield best results.

**Cascading Style Sheets**, majorly referred to as **CSS**, is a simple design language intended to simplify the process of making web pages presentable. key advantages of learning CSS

Create Stunning Web site - CSS handles the look and feel part of a web page. Using CSS, you can control the colour of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colors are used, layout designs, variations in display for different devices and screen sizes as well as a variety of other effects.

Become a web designer - If you want to start a career as a professional web designer, HTML and CSS designing is a must skill.

Control web - CSS is easy to learn and understand but it provides powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the markup languages HTML or XHTML.

**FEATURES OF THIS APPLICATION**

This application provides the details about myself, my past workdone and projects.

This application presents my web development skills like react.js.

App is use of Languages

JavaScript 60.7%

CSS 35.1%

HTML 4.2%

Focus especially on UX/UI to make website looks more attractive.

**CODE EDITOR USED IN DEVELOPING MY PROJECT:**

We have used VS code in developing my project. The main reason for choosing VS code as the editor is:

Visual Studio Code features a lightning-fast source code editor, perfect for day-to-day use. With support for hundreds of languages, VS Code helps you be instantly productive with syntax highlighting, bracket-matching, auto-indentation, box-selection, snippets, and more. Intuitive keyboard shortcuts, easy customization and community-contributed keyboard shortcut mappings let you navigate your code with ease.

For serious coding, you'll often benefit from tools with more code understanding than just blocks of text. Visual Studio Code includes built-in support for IntelliSense code completion, rich semantic code understanding and navigation, and code refactoring.

And when the coding gets tough, the tough get debugging. Debugging is often the one feature that developers miss most in a leaner coding experience, so we made it happen. Visual Studio Code includes an interactive debugger, so you can step through source code, inspect variables, view call stacks, and execute commands in the console.

**HARDWARE AND SOFTWARE REQUIREMENTS**

As required a Node JS software and VS code to run our React JS code. It can be installed simply by downloading it from google.

System requirements for installing vs code:

Hardware

Visual Studio Code is a small download (< 200 MB) and has a disk footprint of < 500 MB. VS Code is lightweight and should easily run on today's hardware.

recommended:

1.6 GHz or faster processor

1 GB of RAM

Platforms

VS Code is supported on the following platforms:

OS X El Capitan (10.11+)

Windows 8.0, 8.1 and 10, 11 (32-bit and 64-bit)

Linux (Debian): Ubuntu Desktop 16.04, Debian 9

Linux (Red Hat): Red Hat Enterprise Linux 7, CentOS 7, Fedora 34

OS requirements: Windows 10 version 1703 or higher: Home, Professional, Education, and Enterprise

Here are the minimum hardware and software requirement for virtual assistant.

Hardware:

• Pentium-pro processor or later.

• RAM 2GB or more.

System requirements for installing node JS

Windows 10 OS.

4 GB RAM.

10 GB free space.

I used frontend as react js with IDE vs code by running project on npm (Node Package Manager) package manager for the Node Javascript platform.

**METHODOLOGY/ PLANNING OF WORK**

In this project All the main code is written inside the App.js file. Also I have the App.css file to apply necessary styling. In addition to that I have different jsx files to import into app.js file , done so that code will arranged optimistically.

In public folder, we have index.html file

CODE

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="utf-8" />

  <link rel="icon" href="%PUBLIC\_URL%/favicon.png" />

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

  <meta name="theme-color" content="#000000" />

  <meta name="description" content="Web site created using create-react-app" />

  <link rel="manifest" href="%PUBLIC\_URL%/manifest.json" />

  <title>Anchit Portfolio</title>

  <meta name="description" content="Self Developed personal website build with React.js">

  <!-- Google / Search Engine Tags -->

  <meta itemprop="name" content="S0umyajit | Portfolio">

  <meta itemprop="description" content="Self Developed personal website build with React.js">

  <meta itemprop="image"

    content="https://raw.githubusercontent.com/soumyajit4419/Portfolio/master/Images/readme-img.png?token=AK7VCIF5RYEUZZAURELPTAC76U6AK">

  <!-- Facebook Meta Tags -->

  <meta property="og:url" content="https://soumyajit.vercel.app">

  <meta property="og:type" content="website">

  <meta property="og:title" content="S0umyajit | Portfolio">

  <meta property="og:description" content="Self Developed personal website build with React.js">

  <meta property="og:image"

    content="https://raw.githubusercontent.com/soumyajit4419/Portfolio/master/Images/readme-img.png?token=AK7VCIF5RYEUZZAURELPTAC76U6AK">

  <!-- Twitter Meta Tags -->

  <meta name="twitter:card" content="summary\_large\_image">

  <meta name="twitter:title" content="S0umyajit | Portfolio">

  <meta name="twitter:description" content="Self Developed personal website build with React.js">

  <meta name="twitter:image"

    content="https://raw.githubusercontent.com/soumyajit4419/Portfolio/master/Images/readme-img.png?token=AK7VCIF5RYEUZZAURELPTAC76U6AK">

</head>

<body>

  <noscript>You need to enable JavaScript to run this app.</noscript>

  <div id="root"></div>

</body>

</html>

In src folder I have assets folder includes all the png and svg files.

Next components folder, I have different folders written js code

About.js

CODE

import React from "react";

import { Container, Row, Col } from "react-bootstrap";

import Particle from "../Particle";

import Github from "./Github";

import Techstack from "./Techstack";

import Aboutcard from "./AboutCard";

import laptopImg from "../../Assets/about.png";

import Toolstack from "./Toolstack";

function About() {

  return (

    <Container fluid className="about-section">

      <Particle />

      <Container>

        <Row style={{ justifyContent: "center", padding: "10px" }}>

          <Col

            md={7}

            style={{

              justifyContent: "center",

              paddingTop: "30px",

              paddingBottom: "50px",

            }}

          >

            <h1 style={{ fontSize: "2.1em", paddingBottom: "20px" }}>

              Know Who <strong className="purple">I'M</strong>

            </h1>

            <Aboutcard />

          </Col>

          <Col

            md={5}

            style={{ paddingTop: "120px", paddingBottom: "50px" }}

            className="about-img"

          >

            <img src={laptopImg} alt="about" className="img-fluid" />

          </Col>

        </Row>

        <h1 className="project-heading">

          Professional <strong className="purple">Skillset </strong>

        </h1>

        <Techstack />

        <h1 className="project-heading">

          <strong className="purple">Tools</strong> I use

        </h1>

        <Toolstack />

        <Github />

      </Container>

    </Container>

  );

}

export default About;

Home.js

CODE

import React from "react";

import { Container, Row, Col } from "react-bootstrap";

import homeLogo from "../../Assets/home-main.svg";

import Particle from "../Particle";

import Home2 from "./Home2";

import Type from "./Type";

function Home() {

  return (

    <section>

      <Container fluid className="home-section" id="home">

        <Particle />

        <Container className="home-content">

          <Row>

            <Col md={7} className="home-header">

              <h1 style={{ paddingBottom: 15 }} className="heading">

                Hi !{" "}

                <span className="wave" role="img" aria-labelledby="wave">

                  👋🏻

                </span>

              </h1>

              <h1 className="heading-name">

                I'M

                <strong className="main-name"> ANCHIT GUPTA</strong>

              </h1>

              <div style={{ padding: 50, textAlign: "left" }}>

                <Type />

              </div>

            </Col>

            <Col md={5} style={{ paddingBottom: 20 }}>

              <img

                src={homeLogo}

                alt="home pic"

                className="img-fluid"

                style={{ maxHeight: "450px" }}

              />

            </Col>

          </Row>

        </Container>

      </Container>

      <Home2 />

    </section>

  );

}

export default Home;

Home2.js

CODE

import React from "react";

import { Container, Row, Col } from "react-bootstrap";

import myImg from "../../Assets/avatar.svg";

import Tilt from "react-parallax-tilt";

import {

  AiFillGithub,

  AiOutlineTwitter,

  AiFillInstagram,

} from "react-icons/ai";

import { FaLinkedinIn } from "react-icons/fa";

function Home2() {

  return (

    <Container fluid className="home-about-section" id="about">

      <Container>

        <Row>

          <Col md={8} className="home-about-description">

            <h1 style={{ fontSize: "2.6em" }}>

              LET ME <span className="purple"> INTRODUCE </span> MYSELF

            </h1>

            <p className="home-about-body">

              I fell in love with programming and I have at least learnt

              something, I think… 🤷‍♂️

              <br />

              <br />I am fluent in languages like

              <i>

                <b className="purple"> C/C++, Javascript and Python. </b>

              </i>

              <br />

              <br />

             I did many projects using &nbsp;

              <i>

                <b className="purple">Web Technologies and Products </b> and

                also in areas related to{" "}

                <b className="purple">

                  Deep Learning and Artificial Intelligence.

                </b>

              </i>

              <br />

              <br />

              Whenever possible, I also apply my passion for developing products

              with <b className="purple">Node.js</b> and

              <i>

                <b className="purple">

                  {" "}

                  Modern Javascript Library and Frameworks

                </b>

              </i>

              &nbsp; like

              <i>

                <b className="purple"> React.js </b>

              </i>

            </p>

          </Col>

          <Col md={4} className="myAvtar">

            <Tilt>

              <img src={myImg} className="img-fluid" alt="avatar" />

            </Tilt>

          </Col>

        </Row>

        <Row>

          <Col md={12} className="home-about-social">

            <h1>FIND ME ON</h1>

            <p>

              Feel free to <span className="purple">connect </span>with me

            </p>

            <ul className="home-about-social-links">

              <li className="social-icons">

                <a

                  href="https://github.com/anchitgupta01"

                  target="\_blank"

                  rel="noreferrer"

                  className="icon-colour  home-social-icons"

                >

                  <AiFillGithub />

                </a>

              </li>

              <li className="social-icons">

                <a

                  href="https://twitter.com/Anchitofficial"

                  target="\_blank"

                  rel="noreferrer"

                  className="icon-colour  home-social-icons"

                >

                  <AiOutlineTwitter />

                </a>

              </li>

              <li className="social-icons">

                <a

                  href="https://www.linkedin.com/in/anchitgupta01/"

                  target="\_blank"

                  rel="noreferrer"

                  className="icon-colour  home-social-icons"

                >

                  <FaLinkedinIn />

                </a>

              </li>

              <li className="social-icons">

                <a

                  href="https://www.instagram.com/anchitgupta01/"

                  target="\_blank"

                  rel="noreferrer"

                  className="icon-colour home-social-icons"

                >

                  <AiFillInstagram />

                </a>

              </li>

            </ul>

          </Col>

        </Row>

      </Container>

    </Container>

  );

}

export default Home2;

ProjectCard.js

CODE

import React from "react";

import Card from "react-bootstrap/Card";

import Button from "react-bootstrap/Button";

import { CgWebsite } from "react-icons/cg";

import { BsGithub } from "react-icons/bs";

function ProjectCards(props) {

  return (

    <Card className="project-card-view">

      <Card.Img variant="top" src={props.imgPath} alt="card-img" />

      <Card.Body>

        <Card.Title>{props.title}</Card.Title>

        <Card.Text style={{ textAlign: "justify" }}>

          {props.description}

        </Card.Text>

        <Button variant="primary" href={props.ghLink} target="\_blank">

          <BsGithub /> &nbsp;

          {props.isBlog ? "Blog" : "GitHub"}

        </Button>

        {"\n"}

        {"\n"}

        {/\* If the component contains Demo link and if it's not a Blog then, it will render the below component  \*/}

        {!props.isBlog && props.demoLink && (

          <Button

            variant="primary"

            href={props.demoLink}

            target="\_blank"

            style={{ marginLeft: "10px" }}

          >

            <CgWebsite /> &nbsp;

            {"Demo"}

          </Button>

        )}

      </Card.Body>

    </Card>

  );

}

export default ProjectCards;

Project.js

CODE

import React from "react";

import { Container, Row, Col } from "react-bootstrap";

import ProjectCard from "./ProjectCards";

import Particle from "../Particle";

import emotion from "../../Assets/Projects/emotion.png";

import editor from "../../Assets/Projects/codeEditor.png";

import suicide from "../../Assets/Projects/suicide.png";

import bitsOfCode from "../../Assets/Projects/blog.png";

import bank from "../../Assets/Projects/bank.png"

import creditcard from "../../Assets/Projects/creditcard.jpg"

function Projects() {

  return (

    <Container fluid className="project-section">

      <Particle />

      <Container>

        <h1 className="project-heading">

          My Recent <strong className="purple">Works </strong>

        </h1>

        <p style={{ color: "white" }}>

          Here are a few projects I've worked on recently.

        </p>

        <Row style={{ justifyContent: "center", paddingBottom: "10px" }}>

          <Col md={4} className="project-card">

            <ProjectCard

              imgPath={bank}

              isBlog={false}

              title="Bank Management System"

              description="Functional Requirements of Bank Management System IN C++

              Creating the bank account for the customer

              Deposit amount for the customer

              Withdraw amount for the customer

              Balance Enquiry by the customer

              Show account holder’s full detail

              Closing or terminating a bank account

              Updating the bank account"

            />

          </Col>

          <Col md={4} className="project-card">

            <ProjectCard

              imgPath={editor}

              isBlog={false}

              title="Editor.io"

              description="Online code and markdown editor build with react.js. Online Editor which supports html, css, and js code with instant view of website. Online markdown editor for building README file which supports GFM, Custom Html tags with toolbar and instant preview.Both the editor supports auto save of work using Local Storage"

            />

          </Col>

          <Col md={4} className="project-card">

            <ProjectCard

              imgPath={creditcard}

              isBlog={false}

              title="Credit Card Validator"

              description="Credit Card Validator is made by using a C++ programming language. It implements the Luhn algorithm to validate a credit card number and to determine what type of credit card it is.

              It implements the Luhn algorithm to check whether the credit card number is valid or not. The Luhn algorithm is a simple checksum formula used to validate a variety of identification numbers, such as credit card numbers, IMEI numbers and etc, but it is mainly used to validate credit card numbers."

            />

          </Col>

          <Col md={4} className="project-card">

            <ProjectCard

              imgPath={bitsOfCode}

              isBlog={false}

              title="Bits-0f-C0de"

              description="My personal blog page build with Next.js and Tailwind Css which takes the content from makdown files and renders it using Next.js. Supports dark mode and easy to write blogs using markdown."

            />

          </Col>

          <Col md={4} className="project-card">

            <ProjectCard

              imgPath={suicide}

              isBlog={false}

              title="Ai For Social Good"

              description="Using 'Natural Launguage Processing' for the detection of suicide-related posts and user's suicide ideation in cyberspace  and thus helping in sucide prevention."

            />

          </Col>

          <Col md={4} className="project-card">

            <ProjectCard

              imgPath={emotion}

              isBlog={false}

              title="Face Recognition and Emotion Detection"

              description="Trained a CNN classifier using 'FER-2013 dataset' with Keras and tensorflow backened. The classifier sucessfully predicted the various types of emotions of human. And the highest accuracy obtained with the model was 60.1%.

              Then used Open-CV to detect the face in an image and then pass the face to the classifer to predict the emotion of a person."

            />

          </Col>

        </Row>

      </Container>

    </Container>

  );

}

export default Projects;

ResumeNew.js

CODE

import React, { useState, useEffect } from "react";

import { Container, Row } from "react-bootstrap";

import Button from "react-bootstrap/Button";

import Particle from "../Particle";

import pdf from "../../Assets/../Assets/Resume-1.pdf";

import { AiOutlineDownload } from "react-icons/ai";

import { Document, Page, pdfjs } from "react-pdf";

import "react-pdf/dist/esm/Page/AnnotationLayer.css";

pdfjs.GlobalWorkerOptions.workerSrc = `//cdnjs.cloudflare.com/ajax/libs/pdf.js/${pdfjs.version}/pdf.worker.min.js`;

const resumeLinks = "src\Assets\Resume-1.pdf";

function ResumeNew() {

  const [width, setWidth] = useState(1200);

  useEffect(() => {

    setWidth(window.innerWidth);

  }, []);

  return (

    <div>

      <Container fluid className="resume-section">

        <Particle />

        <Row style={{ justifyContent: "center", position: "relative" }}>

          <Button

            variant="primary"

            href={pdf}

            target="\_blank"

            style={{ maxWidth: "250px" }}

          >

            <AiOutlineDownload />

            &nbsp;Download CV

          </Button>

        </Row>

        <Row className="resume">

          <Document file="https://raw.githubusercontent.com/anchitgupta01/resume/main/Resume-1.pdf" className="d-flex justify-content-center">

            <Page pageNumber={1} scale={width > 786 ? 1.7 : 0.6} />

          </Document>

        </Row>

      </Container>

    </div>

  );

}

export default ResumeNew;

App.css

CODE

.App {

  text-align: center;

}

.App-logo {

  height: 40vmin;

  pointer-events: none;

}

@media (prefers-reduced-motion: no-preference) {

  .App-logo {

    animation: App-logo-spin infinite 20s linear;

  }

}

.App-header {

  background-color: #282c34;

  min-height: 100vh;

  display: flex;

  flex-direction: column;

  align-items: center;

  justify-content: center;

  font-size: calc(10px + 2vmin);

  color: white;

}

.App-link {

  color: #61dafb;

}

@keyframes App-logo-spin {

  from {

    transform: rotate(0deg);

  }

  to {

    transform: rotate(360deg);

  }

}

App.js

CODE

import React, { useState, useEffect } from "react";

import Preloader from "../src/components/Pre";

import Navbar from "./components/Navbar";

import Home from "./components/Home/Home";

import About from "./components/About/About";

import Projects from "./components/Projects/Projects";

import Footer from "./components/Footer";

import Resume from "./components/Resume/ResumeNew";

import {

  BrowserRouter as Router,

  Route,

  Routes,

  Navigate

} from "react-router-dom";

import ScrollToTop from "./components/ScrollToTop";

import "./style.css";

import "./App.css";

import "bootstrap/dist/css/bootstrap.min.css";

function App() {

  const [load, upadateLoad] = useState(true);

  useEffect(() => {

    const timer = setTimeout(() => {

      upadateLoad(false);

    }, 1200);

    return () => clearTimeout(timer);

  }, []);

  return (

    <Router>

      <Preloader load={load} />

      <div className="App" id={load ? "no-scroll" : "scroll"}>

        <Navbar />

        <ScrollToTop />

        <Routes>

          <Route path="/" element={<Home />} />

          <Route path="/project" element={<Projects />} />

          <Route path="/about" element={<About />} />

          <Route path="/resume" element={<Resume />} />

          <Route path="\*" element={<Navigate to="/"/>} />

        </Routes>

        <Footer />

      </div>

    </Router>

  );

}

export default App;

Navbar,js

CODE

import React, { useState } from "react";

import Navbar from "react-bootstrap/Navbar";

import Nav from "react-bootstrap/Nav";

import Container from "react-bootstrap/Container";

import Button from "react-bootstrap/Button";

import { Link } from "react-router-dom";

import { CgGitFork } from "react-icons/cg";

import { ImBlog } from "react-icons/im";

import {

  AiFillStar,

  AiOutlineHome,

  AiOutlineFundProjectionScreen,

  AiOutlineUser,

} from "react-icons/ai";

import { CgFileDocument } from "react-icons/cg";

function NavBar() {

  const [expand, updateExpanded] = useState(false);

  const [navColour, updateNavbar] = useState(false);

  function scrollHandler() {

    if (window.scrollY >= 20) {

      updateNavbar(true);

    } else {

      updateNavbar(false);

    }

  }

  window.addEventListener("scroll", scrollHandler);

  return (

    <Navbar

      expanded={expand}

      fixed="top"

      expand="md"

      className={navColour ? "sticky" : "navbar"}

    >

      <Container>

        <Navbar.Brand href="/" className="d-flex">

          <h2>AG.</h2>

        </Navbar.Brand>

        <Navbar.Toggle

          aria-controls="responsive-navbar-nav"

          onClick={() => {

            updateExpanded(expand ? false : "expanded");

          }}

        >

          <span></span>

          <span></span>

          <span></span>

        </Navbar.Toggle>

        <Navbar.Collapse id="responsive-navbar-nav">

          <Nav className="ms-auto" defaultActiveKey="#home">

            <Nav.Item>

              <Nav.Link as={Link} to="/" onClick={() => updateExpanded(false)}>

                <AiOutlineHome style={{ marginBottom: "2px" }} /> Home

              </Nav.Link>

            </Nav.Item>

            <Nav.Item>

              <Nav.Link

                as={Link}

                to="/about"

                onClick={() => updateExpanded(false)}

              >

                <AiOutlineUser style={{ marginBottom: "2px" }} /> About

              </Nav.Link>

            </Nav.Item>

            <Nav.Item>

              <Nav.Link

                as={Link}

                to="/project"

                onClick={() => updateExpanded(false)}

              >

                <AiOutlineFundProjectionScreen

                  style={{ marginBottom: "2px" }}

                />{" "}

                Projects

              </Nav.Link>

            </Nav.Item>

            <Nav.Item>

              <Nav.Link

                as={Link}

                to="/resume"

                onClick={() => updateExpanded(false)}

              >

                <CgFileDocument style={{ marginBottom: "2px" }} /> Resume

              </Nav.Link>

            </Nav.Item>

          </Nav>

        </Navbar.Collapse>

      </Container>

    </Navbar>

  );

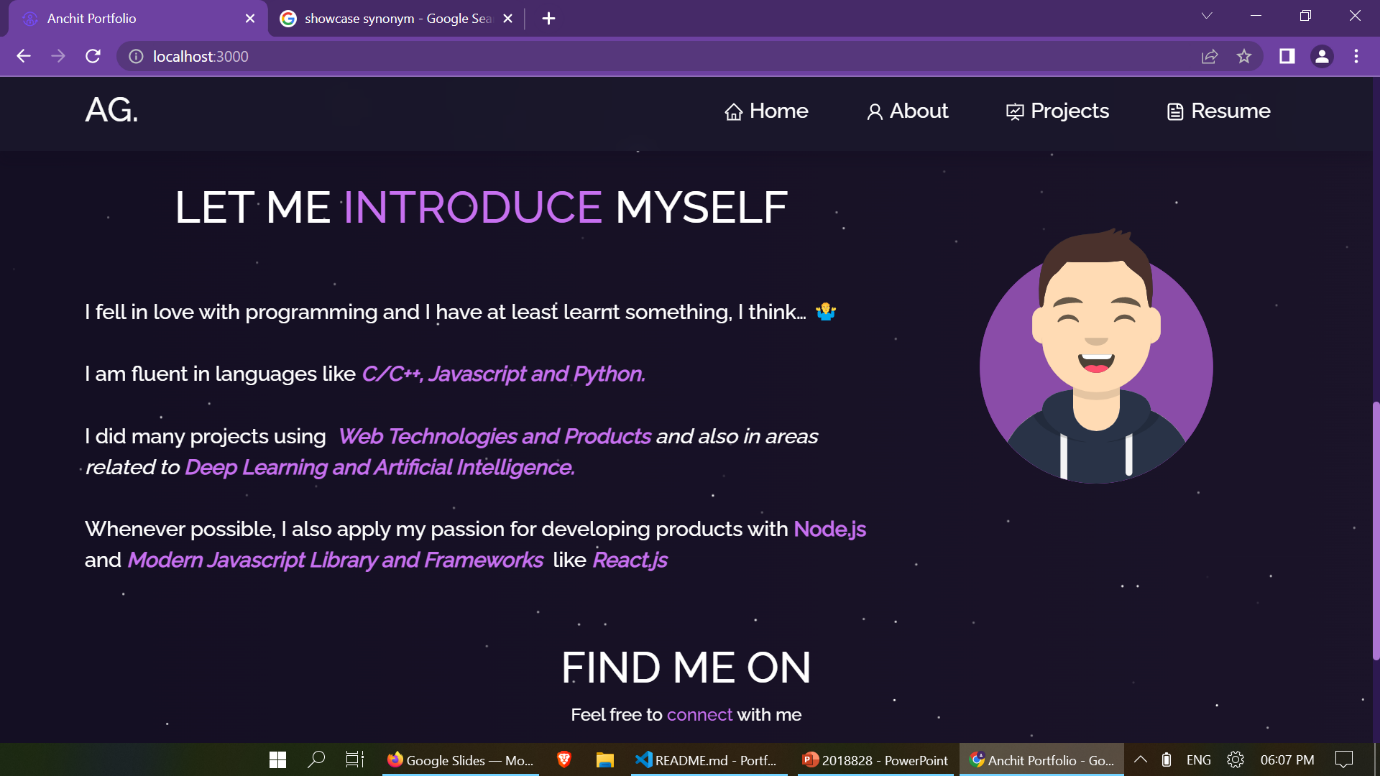
}

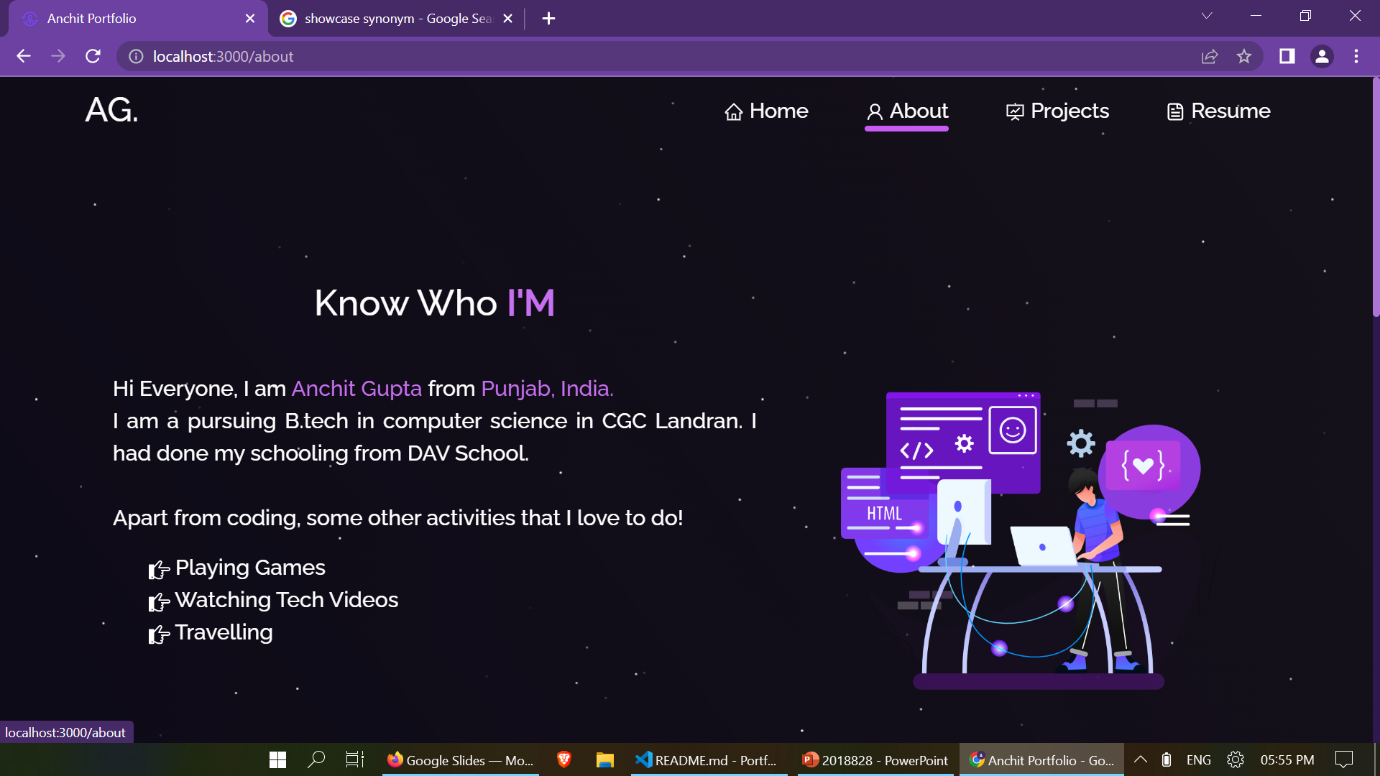
export default NavBar;

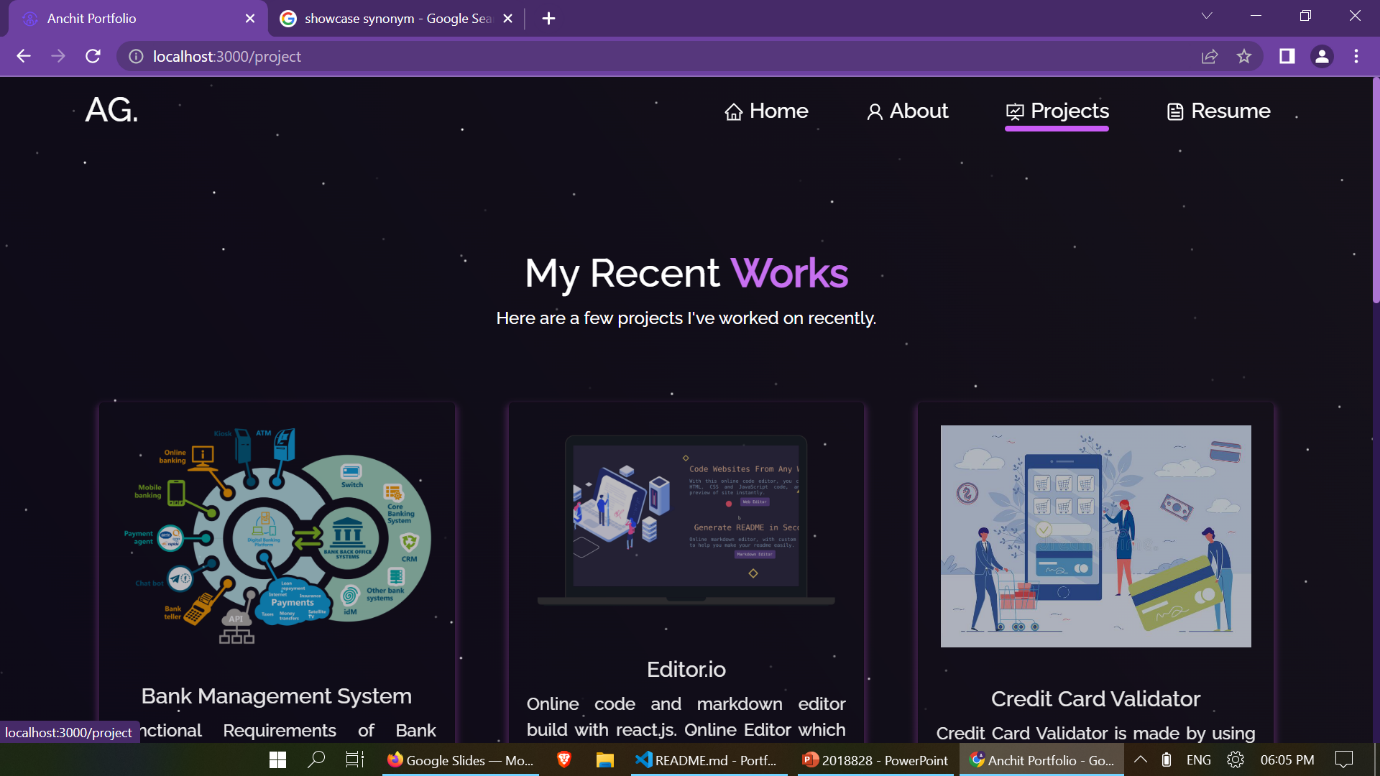
**PROJECT SCREENSHOTS**

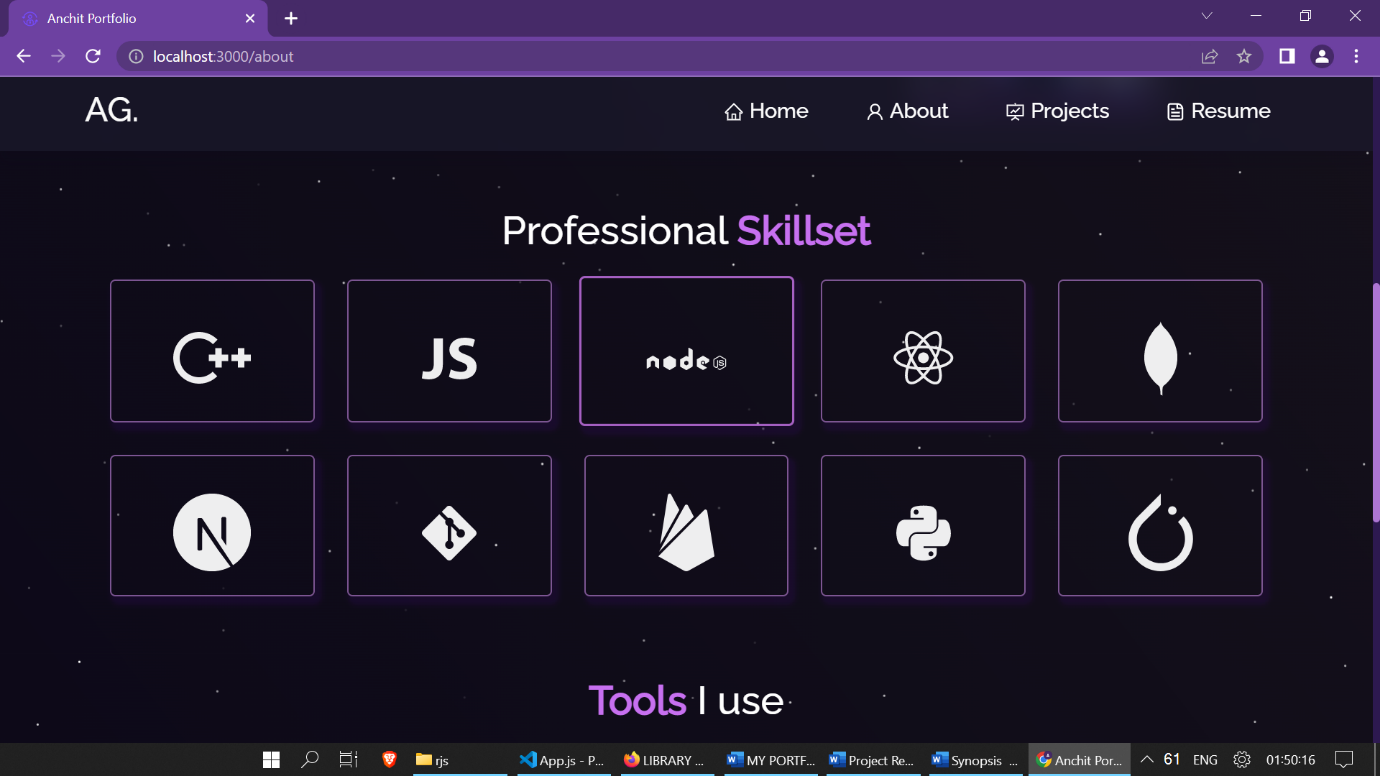
**A screenshot of a computer

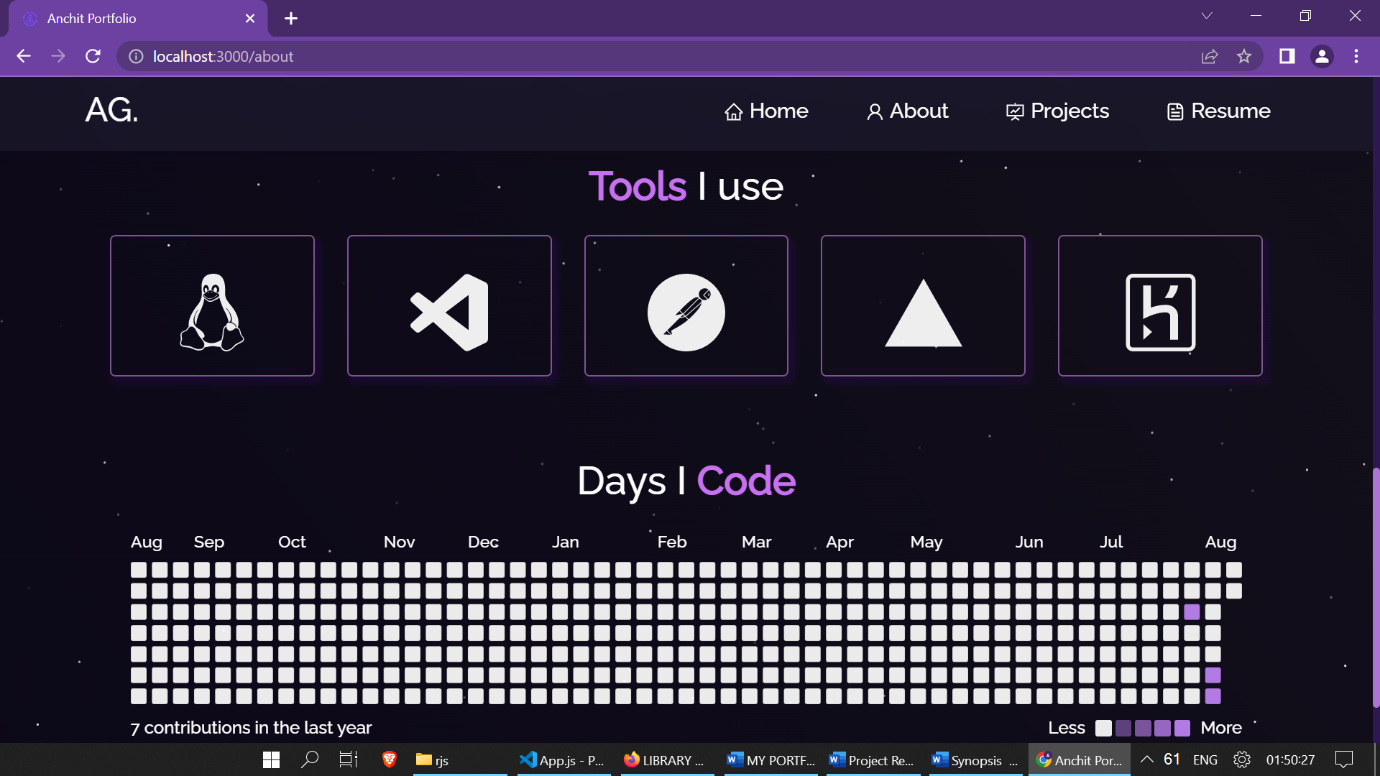
Description automatically generated with medium confidence**

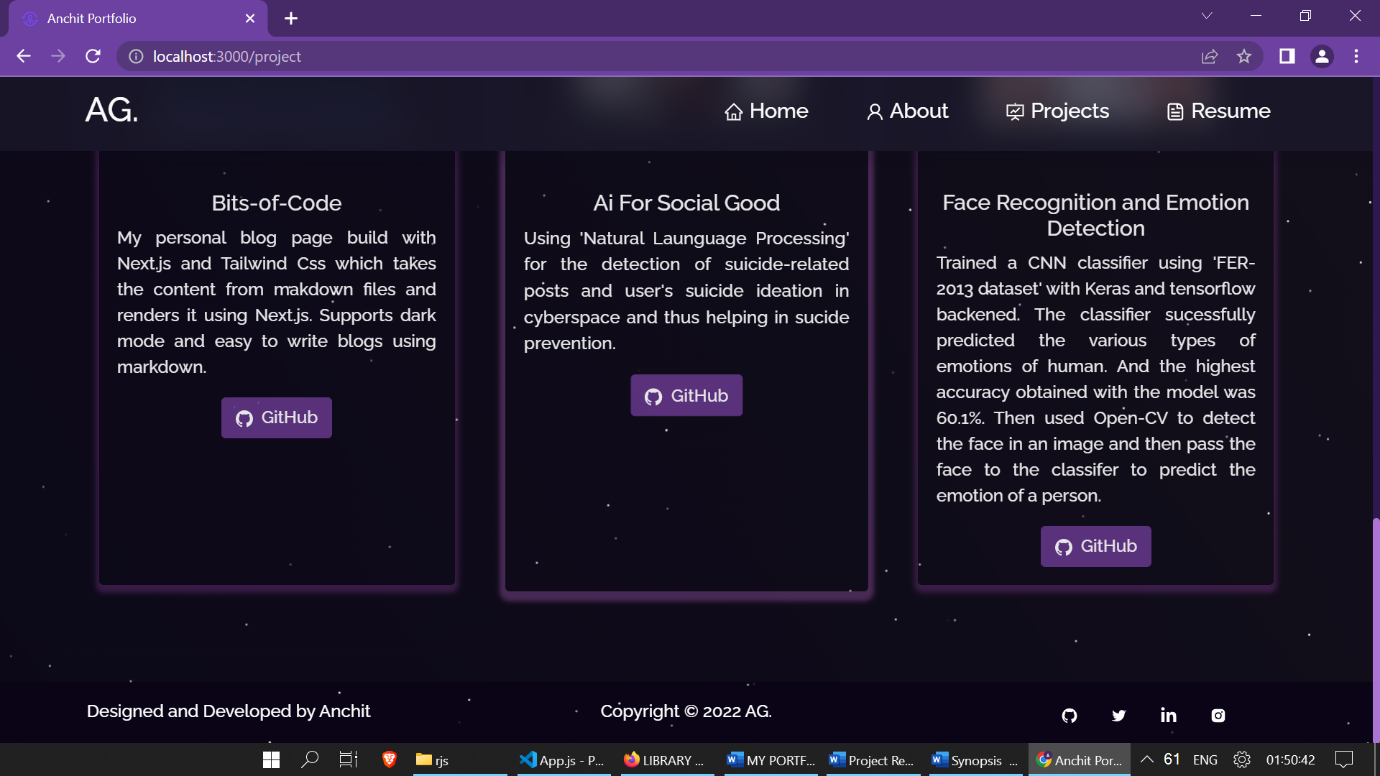
****

****

****

****

****

****

**A screenshot of a computer

Description automatically generated**

**CONCLUSION**

This project enhances my web development skills that helps to develop more effective and robust web applications by using react.js.

This portfolio can be accessed by anyone to see what my skills are and the projects I had done and I will improve this website with including forms, chatbots and many more stuff available in react.js and next.js.

Further scope includes the betterment of this website and make more user oriented and user interactions.

Portfolios are a great way to demonstrate the competencies you would list on a resume or talk about in an interview — they allow you to show and not just tell. During a job search, the portfolio showcases your work to potential employers. It presents evidence of your relevant skills and abilities.

A portfolio is a living and changing collection of records that reflect your accomplishments, skills, experiences, and attributes. It highlights and showcases samples of some of your best work, along with life experiences, values and achievements. The personal information that you incorporate into your portfolio can greatly reflect on your abilities as an individual as well as become a useful tool in marketing yourself to employers, corporations, colleges and universities. A portfolio does not take the place of a resume, but it can accentuate your abilities and what you can offer in the chosen field.

**REFERENCES**

Websites:

<https://reactjs.org/docs/getting-started.html>

<https://www.w3schools.com/REACT/DEFAULT.ASP>

<https://www.w3schools.com/html/default.asp>

<https://www.w3schools.com/css/default.asp>

<https://www.w3schools.com/js/default.asp>

<https://docs.npmjs.com/>

<https://nodejs.org/en/docs/>

[https://code.visualstudio.com/download#](https://code.visualstudio.com/download)

<https://code.visualstudio.com/docs>

Other websites:

<https://www.javatpoint.com/react-introduction>

<https://www.digitalocean.com/community/tutorial_series/how-to-code-in-react-js>

<https://github.com/facebook/react>

Github: (for full code)

<https://github.com/anchitgupta01/Portfolio-master>