**Name: Gaurav Kumar Singh**

**Registration Number: 19BCE2119**

**Course: Internet and Web Programming**

**Digital Assignment 1**

**Personal Portfolio Web Page**

**LINK:** [**https://gaurav1020.github.io/**](https://gaurav1020.github.io/)

**STEP-BY-STEP PROCESS**

1. The process of creating personal webpage starts from assessing requirements of the project. Create a comprehensive list of what you want to mention on your portfolio and what to exclude.
2. Visualising the view of the webpage and assessing development requirements which for my webpage were HTML, CSS, JavaScript, jQuery, and a little bit of Angular.js.
3. I started by creating all the sections without content for the webpage. Such as side nav-bar, about section, resume and embed boxes, projects and contact section.
4. I added the display picture, my social media handles and navigation links in the side bar.
5. I added some personal data in the about section.
6. In the resume section I started by adding my educational qualifications, achievements, skills and pdf format of my certifications and CV for download and view without leaving or refreshing webpage using angular.js.
7. I added titles and links to my GitHub repositories of all major development projects I had been part of excluding mini projects.
8. I added the contact information I was fine with making public in the contact section.
9. I did style of the main body after the entire structuring with some transitions and effects.
10. To host the website on GitHub pages I created a repository I created new repository named gaurav1020 which is my username and renamed the html page to index.html.
11. I uploaded the entire project with the assets on the repository and committed the changes.
12. When accessing gaurav1020.github.io, it automatically takes the user to my portfolio page now.

**EXPERIENCE GAINED**

1. I learned about advantages of using jQuery over DOM for content manipulation wherever jQuery caters as such.
2. I understood the importance of minimalism on a webpage because an over-decorated webpage just for the sake of being decorated does not add much to the looks, nut rather takes away from it.
3. I learned to approach the project in the function over form in the start and catering the form once it functions the desired way.
4. I learned to use client side angular.js to greatly improve user experience.
5. I learned about how the embed tag works and its utility.
6. I learned how to host my static webpages on GitHub using GitHub pages.
7. I went through a lot of my peers and random publicly available portfolios for inspiration and learnt how to in-corporate newer ideas into my existing projects.
8. I learned about the importance of having a self-made portfolio website as a way of expressing yourself to others.
9. I discovered a creative way of showcasing my certifications and skills.
10. I learnt how to add subtle transitions to my webpage’s activities which add a whole new layer of depth in my webpage.

**NEED FOR PERSONAL WEBPAGE**

The reason why I think everyone needs a personal webpage is because it is the one of the most effective way of showcasing your creativity and skills online amongst the group of people who seek those skills and hone them. It can be used to showcase and mention your skills, qualifications and personality to others and help you connect to people with aligned ambitions. A personal webpage such as portfolio can also help you to keep track of the progress you are making over the years of experience as although it might require some effort for you to maintain your portfolio webpage, one can always assess how much one has progressed in that time.

**CODE**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <style>

        .aside {

            height: 100%;

            width: 20%;

            position: fixed;

            z-index: 1;

            top: 0;

            left: 0;

            background-color: rgb(18, 18, 29);

            overflow-x: hidden;

            overflow-y: hidden;

            padding-top: 20px;

        }

        .aside a {

            padding: 6px 8px 6px 16px;

            text-decoration: none;

            font-size: 25px;

            color: #818181;

            display: block;

        }

        .sidenav a:hover {

            color: #f1f1f1;

        }

        .main {

            margin-left: 20%;

            font-size: 28px;

            padding: 0px 10px;

        }

        .dp {

            width: 50%;

            border-radius: 50%;

            display: block;

            margin-left: auto;

            margin-right: auto;

            border: 5px solid grey;

        }

        .aside-name {

            color: #f1f1f1;

            font-family: Verdana, Geneva, Tahoma, sans-serif;

            text-align: center;

        }

        .aside-socials {

            display: flex;

            flex-direction: row;

            justify-content: space-around;

            padding: 0px 30px;

        }

        .soc-img {

            width: 40px;

            height: 40px;

            border-radius: 50%;

        }

        .soc-img:hover {

            transform: scale(1.25);

            transition: transform .2s;

            transition: filter .2s;

            filter: invert(100%) !important;

            -webkit-filter: invert(100%) !important;

        }

        .txt-grey {

            color: rgb(201, 201, 201);

            font-family: Arial, Helvetica, sans-serif;

            display: inline;

        }

        .aside-td {

            height: 80px;

            text-align: left;

            vertical-align: center;

        }

        .txt-grey:hover {

            color: white;

        }

        .heading {

            color: rgb(24, 60, 61);

            font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;

        }

        .ntext {

            font-size: 20px;

        }

        .about-flex {

            display: flex;

            flex-direction: row;

        }

        .about-img {

            width: 270px;

            border-radius: 10px;

            border: 4px solid rgb(78, 78, 78);

        }

        .about-name {

            color: rgb(2, 18, 68);

            display: inline;

            margin-top: -10px;

        }

        #about-table {

            margin-left: 20px;

        }

        .tab-space {

            padding-left: 40px;

        }

        .hlink-about {

            text-decoration: none;

            color: blue;

        }

        .about-desc {

            font-family: Arial, Helvetica, sans-serif;

            font-size: 16px;

        }

        .resume-ed-head {

            font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;

            font-size: 25px;

            padding-left: 80px;

        }

        .resume-ed-desc {

            font-family: Arial, Helvetica, sans-serif;

            font-size: 20px;

            padding-left: 160px;

        }

        .resume-ac-desc {

            font-family: Arial, Helvetica, sans-serif;

            font-size: 20px;

            padding-left: 80px;

            font-weight: bold;

            height: 40px;

        }

        .vertical {

            border-left: 5px solid black;

            position: absolute;

            margin-left: 40px;

        }

        div.scrollmenu button {

            display: inline-block;

            color: rgb(34, 34, 34);

            text-align: center;

            padding: 14px;

            text-decoration: none;

            border:none;

            width:300px;

            height:70px;

            display:block;

            border-right: 2px solid black;

            border-left : 2px solid black

        }

        .cacv{

            margin-bottom: 10px;

        }

        div.scrollmenu button:hover {

            background-color: rgb(199, 199, 199);

        }

        .Embed-src{

            display: flex;

            flex-direction: row;

        }

        .embed-loc{

            margin: 0px 20px;

            width:100%;

            height:800px;

        }

        .projects-desc{

            width:100%

        }

        .projects-desc tr td{

            width:50%;

            text-align: center;

            height:90px;

            border-radius:10px;

            border:3px solid black;

            font-size: 25px;

            font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

        }

        .projects-desc tr td:hover{

            transform: scale(1.02);

            transition:transform .2s;

        }

        .bg-blue{

            background-color: rgba(174, 174, 255, 0.7);

        }

        .bg-blue:hover{

            background-color: rgba(174, 174, 255, 1);

        }

        .bg-lblue{

            background-color: rgba(173, 216, 230,0.7);

        }

        .bg-lblue:hover{

            background-color: rgba(173, 216, 230,1);

        }

        .flex-img{

            width:40px;

            height:40px;

        }

        .tab-flex{

            width:35%;

            height:50px;

            text-align:right;

        }

    </style>

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

    <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>

</head>

<body>

    <!-- SIDENAV -->

    <div class=aside>

        <img src="assets/profile\_picture.jpg" class="dp">

        <div class=aside-name>

            <h2>Gaurav Kumar Singh</h2>

        </div>

        <div class=aside-socials>

            <div class="socials"><a href="mailto:gauravkumarsingh1020@gmail.com" target="\_blank" class="gmail"><img

                        class=soc-img src="assets/gmail.jpg"></a></div>

            <div class="socials"><a href="https://github.com/Gaurav1020" target="\_blank"><img class="soc-img github"

                        src="assets/github.jpg"></a></div>

            <div class="socials"><a href="https://www.linkedin.com/in/gaurav-kumar-singh-8553b221a/" target="\_blank"

                    class="linkedin"><img class=soc-img src="assets/linkedin.jpeg"></a></div>

        </div>

        <table class=aside-table text-align=center>

            <tr>

                <td class=tab-flex><a href="#about"><img class=flex-img src="assets/about-icon.png"></a></td>

                <td class="aside-td"><a href="#about">

                        <h4 class="txt-grey">About</h4>

                    </a></td>

            </tr>

            <tr>

                <td class=tab-flex><a href="#resume"><img class=flex-img src="assets/Resume.png"></a></td>

                <td class="aside-td"><a href="#resume">

                        <h4 class="txt-grey">Resume</h4>

                    </a></td>

            </tr>

            <tr>

                <td class=tab-flex><a href="#projects"><img class=flex-img src="assets/Projects.png"></a></td>

                <td class="aside-td"><a href="#projects">

                        <h4 class="txt-grey">Projects</h4>

                    </a></td>

            </tr>

            <tr>

                <td class=tab-flex><a href="#contact"><img class=flex-img src="assets/Contacts.png"></a></td>

                <td class="aside-td"><a href="#contact">

                        <h4 class="txt-grey">Contact</h4>

                    </a></td>

            </tr>

        </table>

    </div>

    <!--  -->

    <div class=main>

        <!-- ABOUT -->

        <div id=about>

            <h2 class="heading">About</h2>

            <hr align=left size=5px color="dimgrey" style="width:120px; margin-top:-25px;">

            <p class="ntext">I'm 3rd year Computer Science Engineering, B.Tech. undergraduate student at Vellore

                Institute of Technology, Vellore.</p>

            <div class=about-flex>

                <div>

                    <img src="assets/About.jpg" class=about-img>

                </div>

                <div>

                    <table id=about-table>

                        <tr>

                            <td colspan=2>

                                <h4 class="aside-name about-name">Gaurav Kumar Singh</h4>

                            </td>

                        </tr>

                        <tr>

                            <td>

                                <p class="ntext"><strong>E-mail:</strong> <a class=hlink-about href="mailto:gauravkumarsingh1020@gmail.com" target="\_blank" class="gmail">gauravkumarsingh1020@gmail.com</a></p>

                            </td>

                            <td>

                                <p class="ntext tab-space"><strong>Phone:</strong> +91 9664395951</p>

                            </td>

                        </tr>

                        <tr>

                            <td>

                                <p class="ntext"><strong>Degree:</strong> Bachelor of Technology</p>

                            </td>

                            <td>

                                <p class="ntext tab-space"><strong>Institute:</strong> Vellore Institute of Technology,

                                    Vellore</p>

                            </td>

                        </tr>

                        <tr>

                            <td>

                                <p class="ntext"><strong>Batch:</strong> 2023</p>

                            </td>

                            <td>

                                <p class="ntext tab-space"><strong>GitHub:</strong> <a class="hlink-about"

                                        href="https://github.com/Gaurav1020">Gaurav1020</a></p>

                            </td>

                        </tr>

                        <tr>

                            <td class="ntext about-desc" colspan=2>Tech enthusiast, and computer programmer currently

                                pursuing B.Tech. from Vellore Institute of Technology, Vellore. </td>

                        </tr>

                    </table>

                </div>

            </div>

        </div>

        <!-- RESUME -->

        <div id=resume>

            <h2 class="heading">Resume</h2>

            <hr align=left size=5px color="dimgrey" style="width:155px; margin-top:-25px;">

            <h3 class="heading">Education</h3>

            <div class="vertical education-vertical"></div>

            <div id=education-tb>

                <div>

                    <p class=resume-ed-head><strong>VELLORE INSTITUTE OF TECHNOLOGY, VELLORE</strong></p>

                    <p class=resume-ed-desc>Bachelor of Technology in Computer Science Engineering</p>

                    <p class=resume-ed-desc>CGPA: 8.32 (Till 2021)</p>

                </div>

                <div>

                    <p class=resume-ed-head><strong>SHIV JYOTI CONVENT SCHOOL, LADPURA, KOTA</strong></p>

                    <p class=resume-ed-desc>12th CBSE: 78.8% (2018)</p>

                </div>

                <div>

                    <p class=resume-ed-head><strong>ST. PAUL’S SENIOR SECONDARY SCHOOL, BEAWAR</strong></p>

                    <p class=resume-ed-desc>10th CBSE: 10 CGPA (2016)

                    </p>

                </div>

            </div>

            <div id=achievements-tb>

                <h3 class="heading">Achievements</h3>

                <table>

                    <tr>

                        <td class=resume-ac-desc>JEE Mains 2019: 96.025</td>

                        <td class=resume-ac-desc>JEE Advance 2019: 15071</td>

                    </tr>

                    <tr>

                        <td class=resume-ac-desc>Facebook Hacker Cup 2021 Round-2 Rank: 2826</td>

                        <td class=resume-ac-desc>D2C Recruitables Score: 245/400</td>

                    </tr>

                    <tr>

                        <td class=resume-ac-desc>Chamber of Codes (DTU) 2021 Rank: 7</td>

                        <td class=resume-ac-desc>CodeDrift 2.0 August 2021 Rank:56, InterviewBit</td>

                    </tr>

                    <tr>

                        <td class=resume-ac-desc>Newton's Grand Contest 2021 Rank: 2225</td>

                        <td class=resume-ac-desc>InterviewBit Score: 28000+</td>

                    </tr>

                </table>

            </div>

            <div id=skills-tb>

                <h3 class="heading">Skills</h3>

                <table>

                    <tr>

                        <td class=resume-ac-desc>C/C++</td>

                        <td class=resume-ac-desc>Python</td>

                        <td class=resume-ac-desc>HTML</td>

                        <td class=resume-ac-desc>CSS</td>

                        <td class=resume-ac-desc>JavaScript</td>

                        <td class=resume-ac-desc>Node.js</td>

                    </tr>

                    <tr>

                        <td class=resume-ac-desc>Express.js</td>

                        <td class=resume-ac-desc>MongoDB</td>

                        <td class=resume-ac-desc>Mongoose.js</td>

                        <td class=resume-ac-desc>MySQL</td>

                        <td class=resume-ac-desc>Flask</td>

                    </tr>

                </table>

            </div>

            <div id=Embed-src ng-app=myCertificates ng-cloak ng-controller="myCtrl">

                <h3 class="heading cacv">Certifications and CV</h3>

                <div class=Embed-src>

                    <div class="scrollmenu">

                        <button class="certificate-selection" ng-repeat="x in certificates" ng-click="updateSource(x)">{{x}}</button>

                        <!-- <button class="cacv-button-odd">Resume</button>

                        <button >Coding Ninjas Front End <br> Web Development</button>

                        <button class="cacv-button-odd" >Coding Ninjas Back End <br> Web Development</button> -->

                    </div>

                    <div class=embed-loc>

                        <embed id=Docx src="assets/Resume.pdf#toolbar=0" style="width:100%; height:700px;">

                    </div>

                </div>

            </div>

        </div>

        <!-- PROJECTS -->

        <div id=projects>

            <h2 class="heading">Projects</h2>

            <hr align=left size=5px color="dimgrey" style="width:160px; margin-top:-25px;">

            <p class=resume-ac-desc style="margin-left:-75px">Link of major projects I have been a part of:</p>

            <table class=projects-desc>

                <tr>

                    <td class=bg-blue id=ptpbr><strong>Peer-to-Peer Book Rental</strong></td>

                    <td class=bg-lblue id=db><strong>Discord Bot</strong></td>

                </tr>

                <tr>

                    <td class=bg-lblue id=sra><strong>Smartphone Recommendation<br> Application</strong></td>

                    <td class=bg-blue id=cidbms><strong>Cement Industry Database<br> Management System</strong></td>

                </tr>

                <tr>

                    <td class=bg-blue id=moreprojects><strong>And more...</strong><br><p style="display:inline; font-size:20px;">Mini Projects with Source Code on GitHub</p></td>

                </tr>

            </table>

        </div>

        <!-- CONTACTS -->

        <div id=contact>

            <h2 class="heading">Contact</h2>

            <hr align=left size=5px color="dimgrey" style="width:150px; margin-top:-25px;">

            <table>

                <tr>

                    <td style="text-align:right;"><strong>Email:</strong></td>

                    <td> &nbsp&nbsp<a href="mailto:gauravkumarsingh1020@gmail.com" target="\_blank" class="hlink-about">gauravkumarsingh1020@gmail.com</a></td>

                </tr>

                <tr>

                    <td style="text-align:right;"><strong>Call:</strong></td>

                    <td>&nbsp&nbsp+91 9664395951</td>

                </tr>

                <tr>

                    <td style="text-align:right;"><strong>Instagram:</strong></td>

                    <td>&nbsp&nbsp<a class="hlink-about" href="https://www.instagram.com/g\_rave1020/">@g\_rave1020</a></td>

                </tr>

            </table>

        </div>

    </div>

    <script>

        $(document).ready(() => {

            //ASIDE TD WIDTH DYNAMIC

            var aside\_td = $(".aside-td");

            var aside\_td\_width = $(".aside").css("width");

            aside\_td.css("width", aside\_td\_width);

            //vertical line size

            var vertical = $(".education-vertical");

            var vertical\_height = $("#education-tb").css("height");

            vertical.css("height", vertical\_height);

            //Odd Button STyle

            $(".certificate-selection").even().css("background-color","rgb(221, 221, 221)");

            $(".certificate-selection").mouseenter(function() {

                $(this).css("background", "rgb(199, 199, 199)");

            }).mouseleave(function() {

                $(".certificate-selection").even().css("background-color","rgb(221, 221, 221)");

                $(".certificate-selection").odd().css("background-color","rgb(239,239,239)");

            });

            //Projects Hyperlinks

            $("#ptpbr").on("click",()=>{

                window.open("https://github.com/Gaurav1020/BookLook","\_blank");

            })

            $("#ptpbr").on("mouseover",()=>{

                $("#ptpbr").css('cursor','pointer');

            })

            $("#db").on("click",()=>{

                window.open("https://github.com/Gaurav1020/NTRTNMNT-BOT","\_blank");

            })

            $("#db").on("mouseover",()=>{

                $("#db").css('cursor','pointer');

            })

            $("#sra").on("click",()=>{

                window.open("https://github.com/Gaurav1020/Smartphone\_Recommendation","\_blank");

            })

            $("#sra").on("mouseover",()=>{

                $("#sra").css('cursor','pointer');

            })

            $("#cidbms").on("click",()=>{

                window.open("https://github.com/Gaurav1020/Cement-Industry-DatabaseManagementSystem/tree/main/DBMS","\_blank");

            })

            $("#cidbms").on("mouseover",()=>{

                $("#cidbms").css('cursor','pointer');

            })

            $("#moreprojects").on("click",()=>{

                window.open("https://github.com/Gaurav1020","\_blank");

            })

            $("#moreprojects").on("mouseover",()=>{

                $("#moreprojects").css('cursor','pointer');

            })

        })

        $(window).resize(() => {

            var aside\_td = $(".aside-td");

            var aside\_td\_width = $(".aside").css("width");

            aside\_td.css("width", aside\_td\_width);

            var vertical = $(".education-vertical");

            var vertical\_height = $("#education-tb").css("height");

            vertical.css("height", vertical\_height);

        })

        var app = angular.module("myCertificates",[]);

        app.controller("myCtrl",function($scope){

            $scope.certificates =["Resume", "Coding Ninjas Front End Web Development", "Coding Ninjas Back End Web Development"];

            $scope.sources=["assets/Resume.pdf#toolbar=0", "assets/Front-endCN.pdf#toolbar=0", "assets/Back-endCN.pdf#toolbar=0"];

            $scope.last=$scope.certificates[0];

            $scope.updateSource=(x)=>{

                console.log(x);

                if($scope.last==x){

                    return;

                }

                for( var i=0; i<$scope.certificates.length;i++){

                    if(x==$scope.certificates[i]){

                        $scope.last=$scope.certificates[i];

                        $('#Docx').attr('src',$scope.sources[i]);

                        break;

                    }

                }

            }

        })

    </script>

</body>

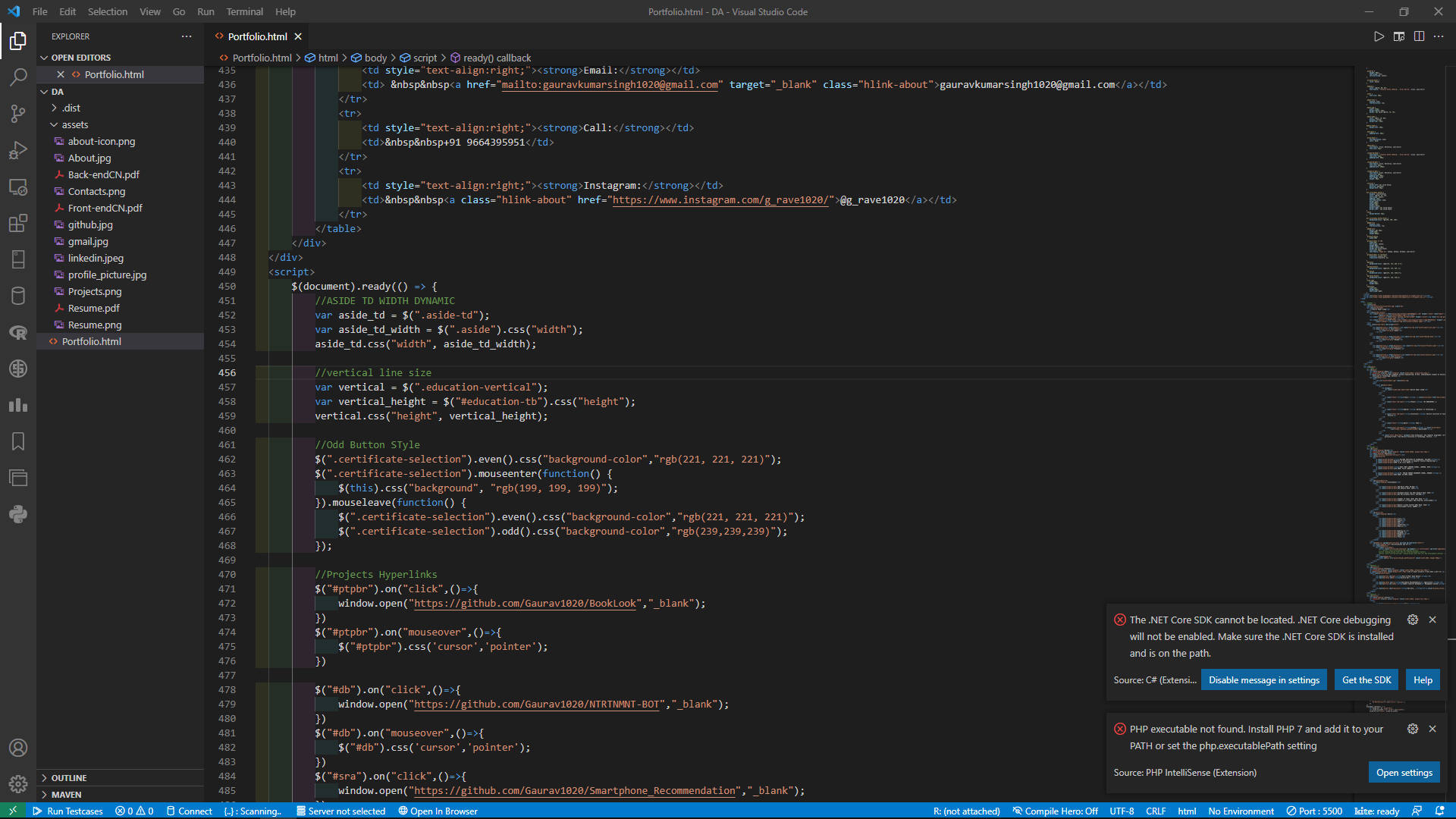
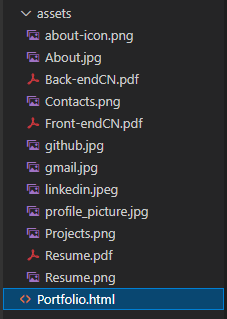
</html>

**LINK:** <https://gaurav1020.github.io/>

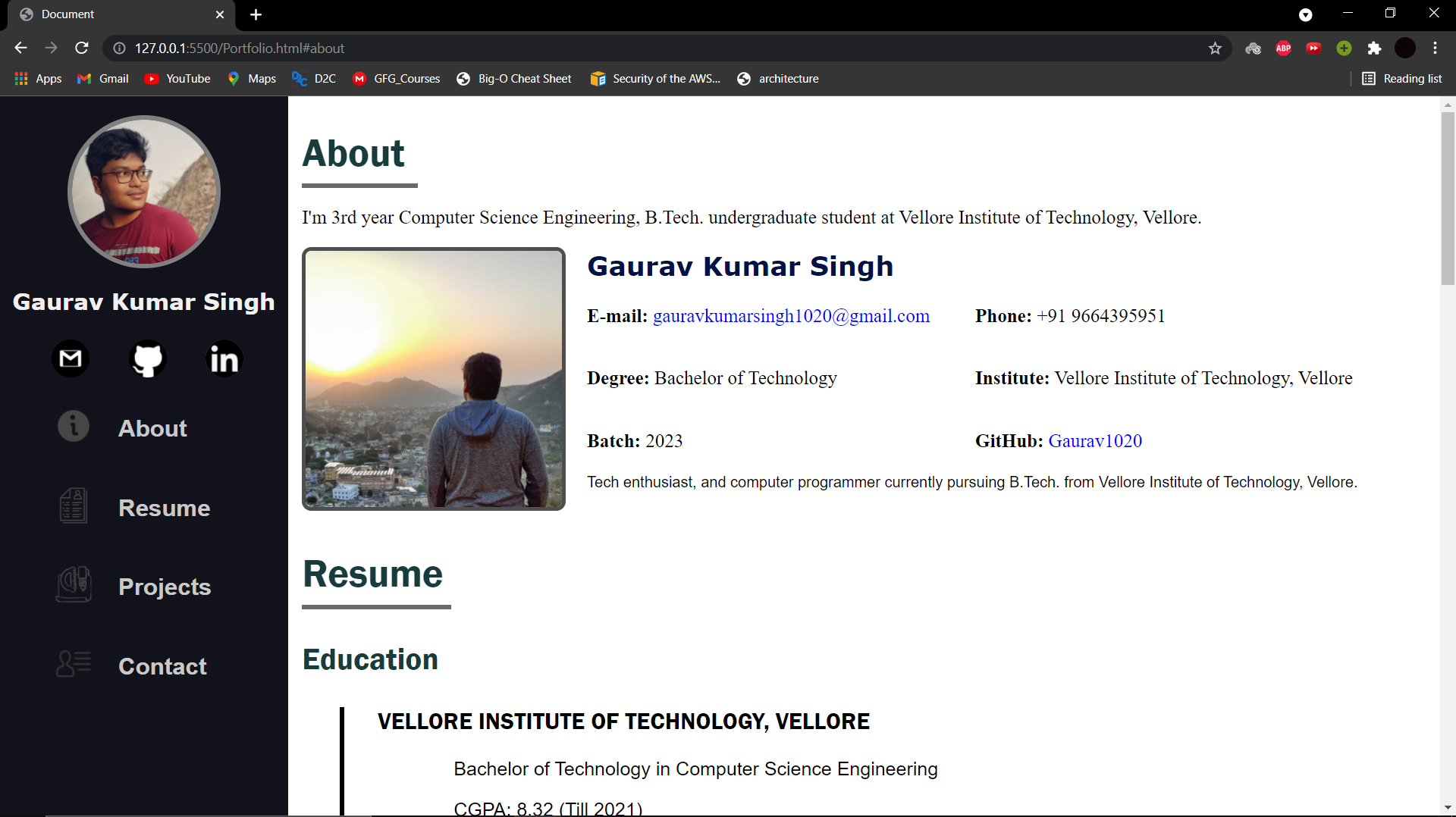
**Code Link:** <https://github.com/Gaurav1020/gaurav1020.github.io>

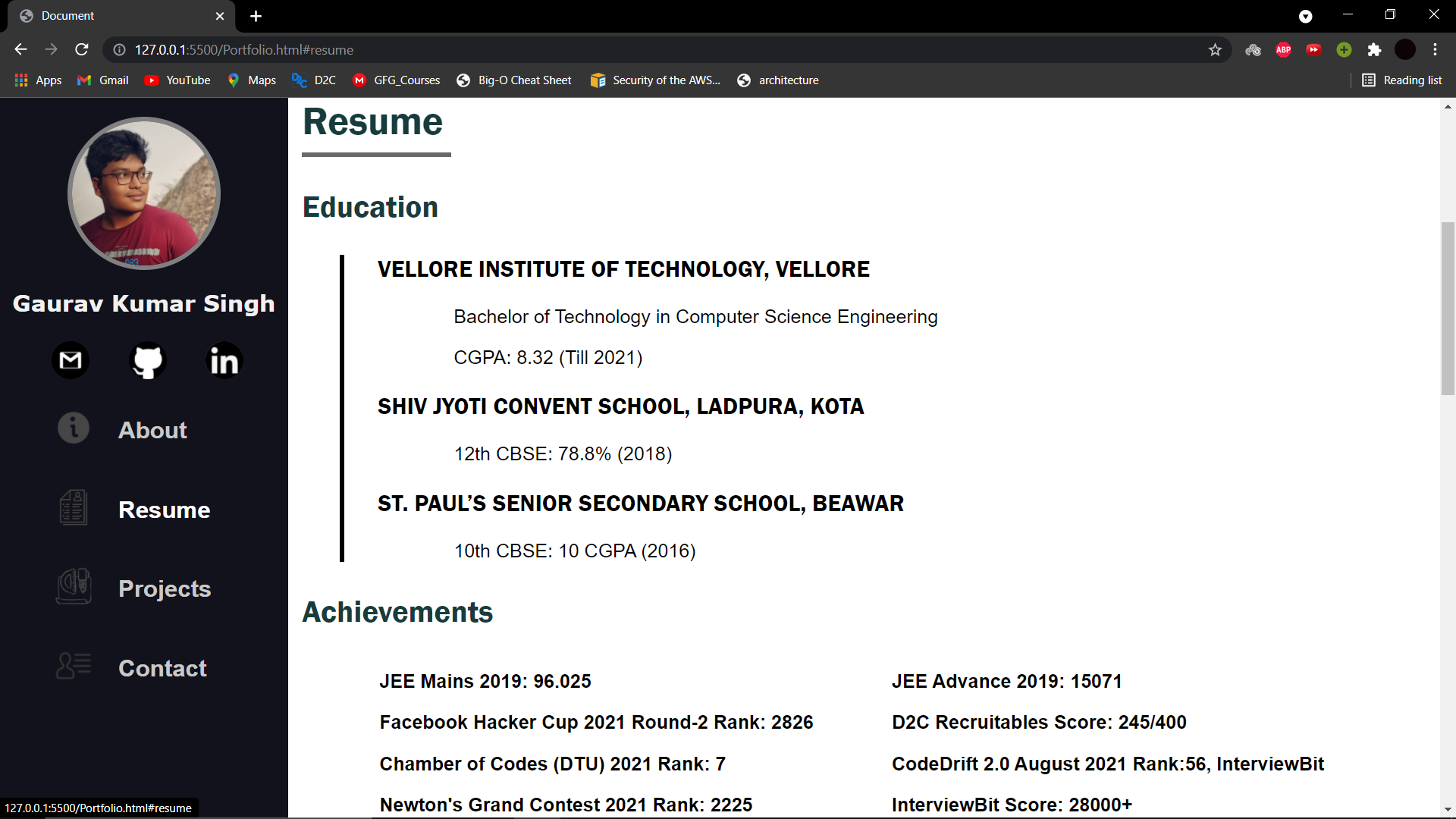
**SCREENSHOTS**

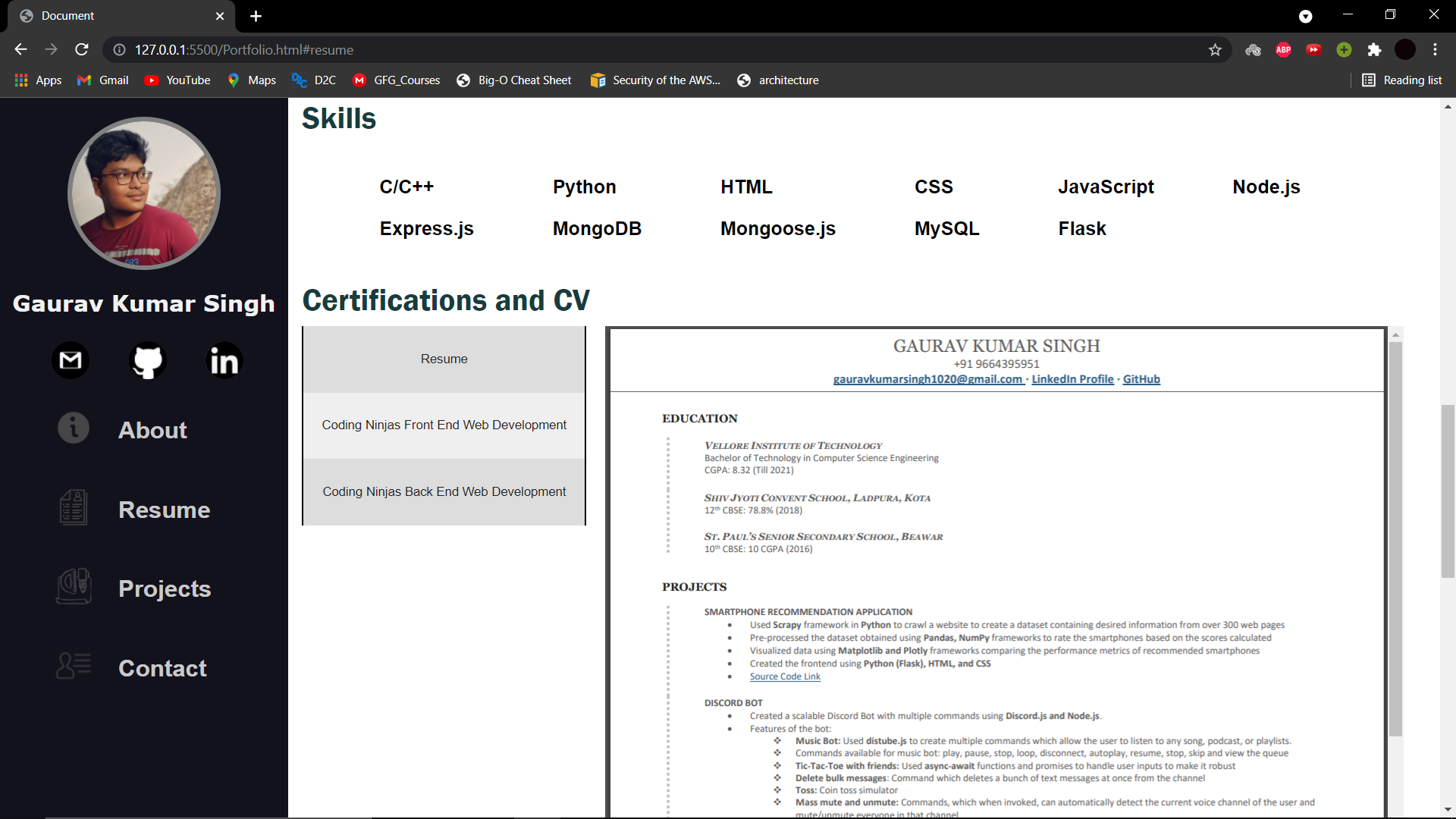
**File/Folder Structure:**

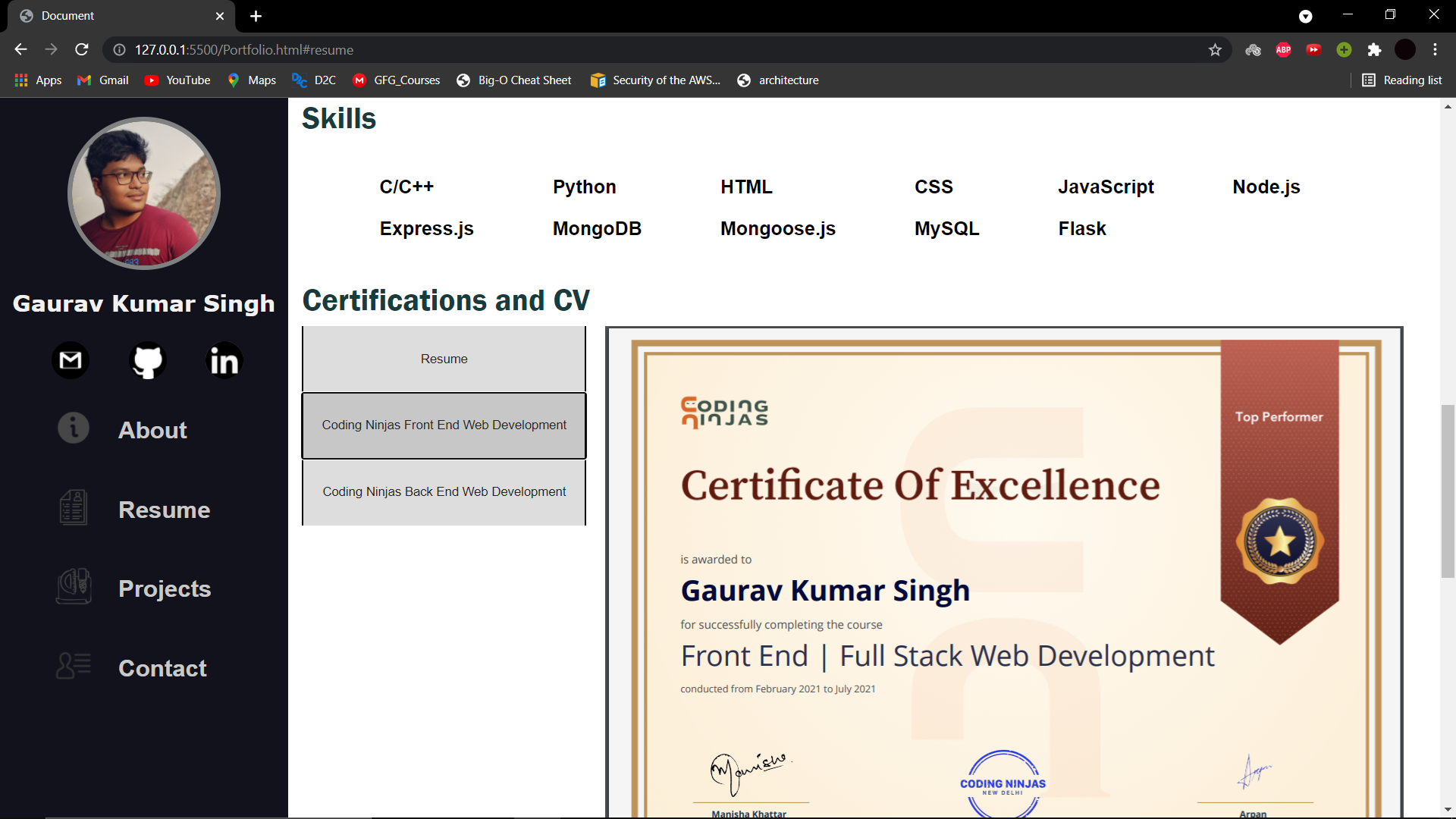


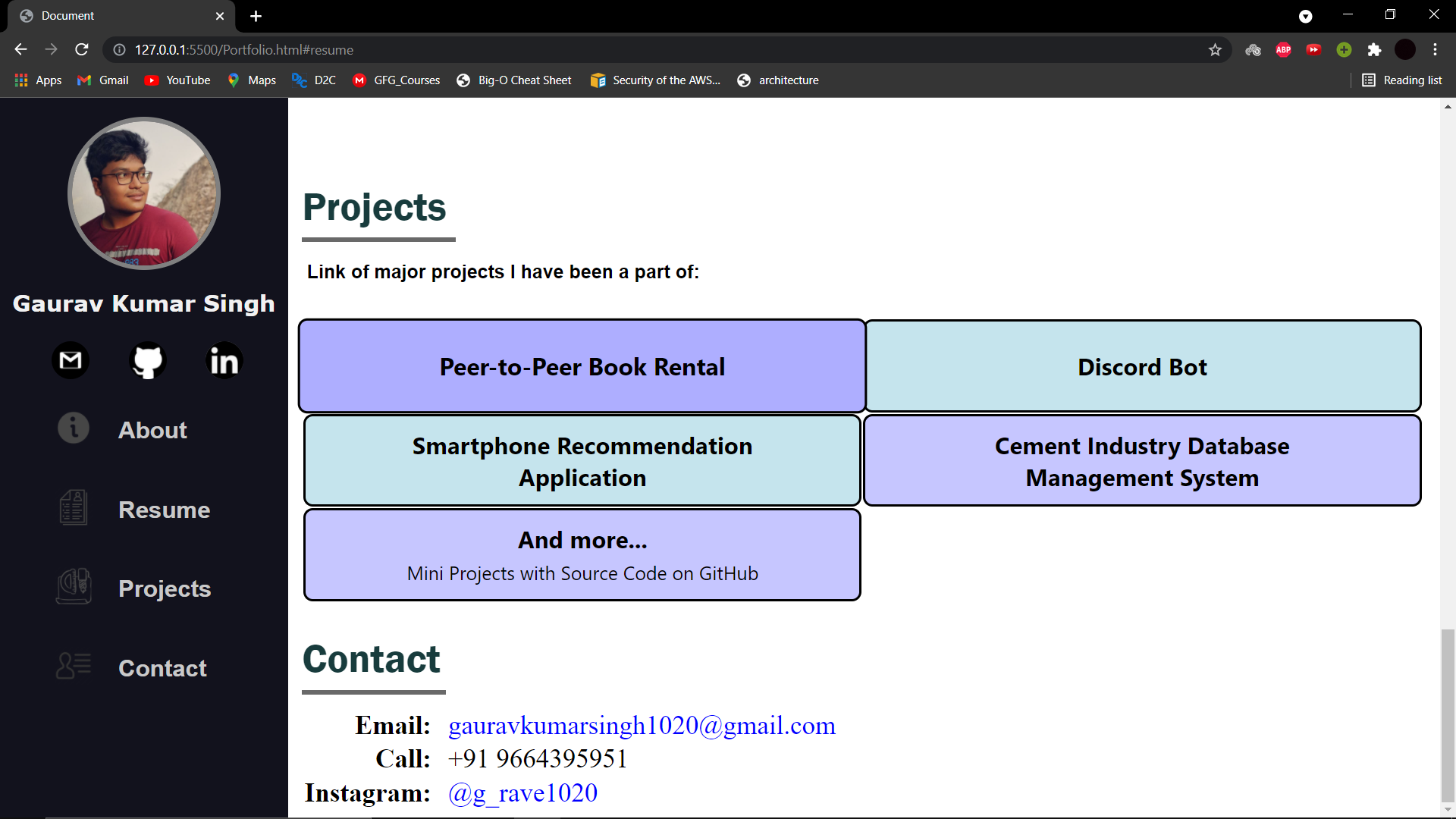
**Web Page View**

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