

# DIGITAL PORTFOLIO

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DEPARTMENT: BCA – II YEAR

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COLLEGE / UNIVERSITY: SHREE RAGAVENDRA ARTS AND SCIENCE COLLEGE



# PROJECT TITLE

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## Digital Portfolio

- A Digital Portfolio is a personal website that displays an individual's skills, education, project and achievement in a well-organized and attractive format.
- It is designed using HTML, CSS and optionally Javascript to create a simple and responsive layout



# AGENDA

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1. Problem Statement
2. Project Overview
3. End Users
4. Tools and Technologies
5. Portfolio Design and Layout
6. Features and Functionality
7. Results and Screenshots
8. Conclusion
9. GitHub Link



# PROBLEM STATEMENT

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## Problem statement

- To design and develop a personal portfolio website for a BCA student that displays details such as profile, education, skills, and contact information in a simple and responsive manner.

## The website should:

- Provide smooth navigation across sections like Home, About, Skills, Education, and Contact.
- Present information clearly with an attractive layout.
- Work on both mobile and desktop devices.



# PROJECT OVERVIEW

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Project Overview – Digital Portfolio Website

1. Project Title: Personal Digital Portfolios

S.Nivedha BCA Student.

2. Objective:

To design and develop a responsive portfolio website to showcase academic background, skills, and contact details professionally.



# PROJECT OVERVIEW

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## . Key Features:

Navigation Bar – Links to Home, About, Skills, Education, and Contact sections.

Hero Section – Displays name, title, location, and social links.

About Section – Overview of education and career interests.

Skills Section – Programming skills in Python, C++, and C.

Education Section – Academic details and learning focus.

Contact Form – Allows visitors to get in touch via email.

Responsive Design – Compatible with mobile and desktop devices.



# PROJECT OVERVIEW

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Technologies Used:

HTML5 – Structure of the website.

CSS3 – Styling and layout design.

Font Awesome – Icons for visual enhancement.

JavaScript – Interactive features (toggle menu, contact form).

5. Expected Outcome:

A professional-looking personal portfolio website that highlights academic and career achievements, helping in internships, job applications, and professional networking.



# WHO ARE THE END USERS?

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Potential Employers / Recruiters:

To review your skills, education, and contact information for internships or job opportunities.

College Faculty / Academic Evaluators:

To assess your project work, presentation, and technical knowledge.

Peers / Collaborators:

Fellow students, developers, or friends who may want to collaborate on projects.

General Visitors:

Anyone interested in learning about your background, skills, and academic journey.





# TOOLS AND TECHNIQUES

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## Tools Used:

HTML5 – Structure and content of the website.

CSS3 – Styling, layout, and visual design.

Font Awesome – Icons for navigation and sections.

JavaScript – Interactivity (menu toggle, form handling).

Code Editor (codepen/easy coder web) – For writing and editing Chrome code.

Web Browser (Chrome) – For testing and running the website.



# TOOLS AND TECHNIQUES

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## Techniques Used:

Responsive Web Design (RWD) – Ensuring website works on mobile, tablet, and desktop.

Navigation Bar Design – Smooth section linking for user-friendly experience.

Section-Based Layout – Dividing content into Hero, About, Skills, Education, and Contact sections.

Form Handling Technique – Collecting user input in the contact form.

Use of External Libraries – Font Awesome for icons.



# PORTFOLIO DESIGN AND LAYOUT

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Design:

- Minimal & Professional Look – Clean and simple interface with a focus on content.
- Font Awesome Icons – For visual appeal and navigation clarity.
- Color Scheme – Soft background with readable text contrast.
- Typography – Clear headings and readable body text.



# PORTFOLIO DESIGN AND LAYOUT

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Layout:

- Navigation Bar – Fixed menu with Home, About, Skills, Education, and Contact sections.
- Hero Section – Name, title, location, and quick action buttons (LinkedIn, Contact).
- About Section – Personal introduction and highlights (Education focus, Interests, Goals).
- Skills Section – List of technical skills (Python, C++, C).
- Education Section – Details of academic background and highlights.
- Contact Section – Contact details, social links, and message form.
- Footer – Copyright and brief info.



# FEATURES AND FUNCTIONALITY

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## Features:

- Responsive Design – Works on desktop, tablet, and mobile.
- Navigation Bar – Easy access to all sections (Home, About, Skills, Education, Contact).
- Hero Section – Profile name, title, and location displayed prominently.
- Interactive Buttons – LinkedIn and contact links open directly.
- Font Awesome Icons – For better visual representation of sections.
- Contact Form – Users can send messages directly.
- Footer – Displays copyright and basic information



# FEATURES AND FUNCTIONALITY

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## Functionality:

- Smooth Scrolling between sections using navigation links.
- Clickable Social Media Buttons to redirect to LinkedIn.
- Form Submission to collect visitor messages (can be linked to email or database in future).
- Mobile-Friendly Layout ensuring proper alignment across all devices.



# RESULTS AND SCREENSHOTS

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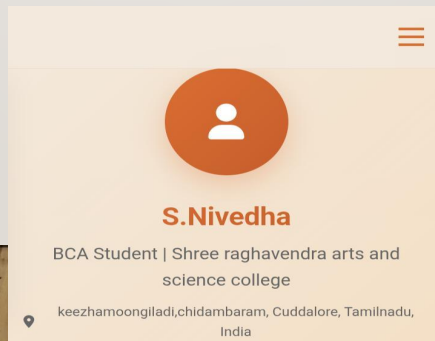
## Results:

- A fully functional personal digital portfolio website was created.
- Showcases profile, education, skills, and contact information in an interactive layout.
- Responsive design works seamlessly on desktop and mobile devices.
- Provides easy navigation and direct LinkedIn integration.




## SCREENSHOTS


HTML	CSS	JS	Res	HTML	CSS	JS
BlinkMacSystemFont, "Segoe UI", --font-family-mono: "Berkeley Mono";						</div>
FMono-Regular, Menlo, Monaco, Consolas, monospace; --font-size-xs: 11px; --font-size-sm: 12px; --font-size-base: 14px; --font-size-md: 14px; --font-size-lg: 16px; --font-size-xl: 18px; --font-size-2xl: 20px; --font-size-3xl: 24px; --font-size-4xl: 30px; --font-weight-normal: 400; --font-weight-medium: 500; --font-weight-semibold: 550; --font-weight-bold: 600; --line-height-tight: 1.2; --line-height-normal: 1.5; --letter-spacing-tight: -0.01em;	// Hide scroll indicator when if (heroScroll) { if (scrolled > 100) { heroScroll.style.opacity = 0; } else { heroScroll.style.opacity = 1; } });  // Skills card hover effect enhancement document.addEventListener('DOMContentLoaded', () => { const skillCards = document.querySelectorAll('.skill-card');  skillCards.forEach(card => { card.addEventListener('mouseover', () => { card.style.transform = `scale(1.02)`;					






HTML	CSS	JS	Resu	HTML	CSS	JS	Res	HTML	CSS	JS	Re
<pre>BlinkMacSystemFont, "Segoe UI", --font-family-mono: "Berkeley Mon FMono-Regular, Menlo, Monaco, Consolas, monospace; --font-size-xs: 11px; --font-size-sm: 12px; --font-size-base: 14px; --font-size-md: 14px; --font-size-lg: 16px; --font-size-xl: 18px; --font-size-2xl: 20px; --font-size-3xl: 24px; --font-size-4xl: 30px; --font-weight-normal: 400; --font-weight-medium: 500; --font-weight-semibold: 550; --font-weight-bold: 600; --line-height-tight: 1.2; --line-height-normal: 1.5; --letter-spacing-tight: -0.01em;</pre>				<pre>// Hide scroll indicator when if (heroScroll) {   if (scrolled &gt; 100) {     heroScroll.style.opaci   } else {     heroScroll.style.opaci   } } });  // Skills card hover effect enhanc document.addEventListener('DOMCont const skillCards = document.q card');  skillCards.forEach(card =&gt; {   card.addEventListener('mou     card.style.transform =     scale(1.02)'; });</pre>				<pre>&lt;/div&gt; &lt;/div&gt; &lt;/div&gt; &lt;/div&gt; &lt;/div&gt; &lt;/section&gt;  &lt;!-- Contact Section --&gt; &lt;section id="contact" class=   &lt;div class="container"&gt;     &lt;div class="section-h       &lt;h2&gt;Get In Touch     &lt;div class="sect     &lt;/div&gt;     &lt;div class="contact-     &lt;div class="conta       &lt;h3&gt;Let's Con     &lt;div class="c     &lt;/div&gt;   &lt;/div&gt;</pre>			




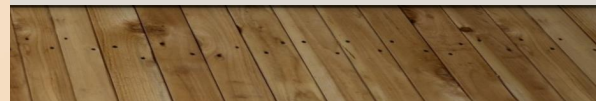
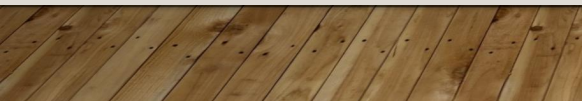
 keezhamoongiladi, chidambaram, Cuddalore, Tamilnadu,  
India

 [Connect on LinkedIn](#)

Scroll down

Get in Touch





# SCREENSHOT

HTML	CSS	JS	Resu	HTML	CSS	JS	Res	HTML	CSS	JS	Re
<pre>BlinkMacSystemFont, "Segoe UI", --font-family-mono: "Berkeley Mono FMono-Regular, Menlo, Monaco, Consolas, monospace; --font-size-xs: 11px; --font-size-sm: 12px; --font-size-base: 14px; --font-size-md: 14px; --font-size-lg: 16px; --font-size-xl: 18px; --font-size-2xl: 20px; --font-size-3xl: 24px; --font-size-4xl: 30px; --font-weight-normal: 400; --font-weight-medium: 500; --font-weight-semibold: 550; --font-weight-bold: 600; --line-height-tight: 1.2; --line-height-normal: 1.5; --letter-spacing-tight: -0.01em;</pre>				<pre>// Hide scroll indicator when if (heroScroll) {   if (scrolled &gt; 100) {     heroScroll.style.opaci   } else {     heroScroll.style.opaci   } } });  // Skills card hover effect enhanc document.addEventListener('DOMCont const skillCards = document.q card');  skillCards.forEach(card =&gt; {   card.addEventListener('mol   card.style.transform =     scale(1.02)';</pre>				<pre>&lt;/div&gt; &lt;/div&gt; &lt;/div&gt; &lt;/div&gt; &lt;/section&gt;  &lt;!-- Contact Section --&gt; &lt;section id="contact" class=   &lt;div class="container"&gt;     &lt;div class="section-h       &lt;h2&gt;Get In Touch&lt;         &lt;div class="sect         &lt;/div&gt;         &lt;div class="contact-c           &lt;div class="conta             &lt;h3&gt;Let's Con             &lt;div class="             &lt;div clas</pre>			

## About Me

computer Application student at Shree  
raghavendra arts and science college.

# SCREENSHOT

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    --font-family-mono: "Berkeley Mono",
    Monaco, Consolas, monospace;
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    --font-weight-normal: 400;
    --font-weight-medium: 500;
    --font-weight-semibold: 550;
    --font-weight-bold: 600;
    --line-height-tight: 1.2;
    --line-height-normal: 1.5;
    --letter-spacing-tight: -0.01em;


    // Hide scroll indicator when
    if (heroScroll) {
      if (scrolled > 100) {
        heroScroll.style.opacity = 0;
      } else {
        heroScroll.style.opacity = 1;
      }
    }
  });


  // Skills card hover effect enhancement
  document.addEventListener('DOMContentLoaded', () => {
    const skillCards = document.querySelectorAll('.skill-card');

    skillCards.forEach(card => {
      card.addEventListener('mouseenter', () => {
        card.style.transform = `scale(1.02)`;
      });
    });
  });

```


</div>  
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</section>  
  
<!-- Contact Section -->  
<section id="contact" class="contact">  
 <div class="container">  
 <div class="section-header">  
 <h2>Get In Touch</h2>  
 <div class="contact-form">  
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Education Focus

BCA at SRASC



Interests

The image is a composite of three elements. At the top is a code editor window with a dark theme, showing CSS and JavaScript code. The CSS code defines font families (BlinkMacSystemFont, Segoe UI, Berkeley Mono, Monaco, Consolas, monospace) and various font sizes (11px to 30px) and weights (400 to 600). The JavaScript code includes a function to hide a scroll indicator when scrolled and an event listener for a skills card hover effect. Below the code editor is a resume template. The resume has a header with a hamburger menu icon, a section titled 'Skills & Technologies' with a horizontal line, and a list of skills: Python (python basic programming), C++ (C++ Functions), and Java (Java OOPS, Java Collections, Java Streams, Java Concurrency, Java Spring, Java Spring Boot, Java Spring Security, Java Spring Cloud, Java Spring Data, Java Spring Integration, Java Spring Batch, Java Spring Kafka, Java Spring RabbitMQ, Java Spring Redis, Java Spring Elasticsearch, Java Spring Solr, Java Spring MongoDB, Java Spring Cassandra, Java Spring Hadoop, Java Spring Hive, Java Spring Pig, Java Spring MapReduce, Java Spring Flink, Java Spring Spark, Java Spring Storm, Java Spring Kafka Connect, Java Spring Kafka Streams, Java Spring Kafka Schema Registry, Java Spring Kafka MirrorMaker, Java Spring Kafka Connectors, Java Spring Kafka Connectors, Java Spring Kafka Connectors). The bottom of the image shows a wooden floor background.

# SCREENSHOT

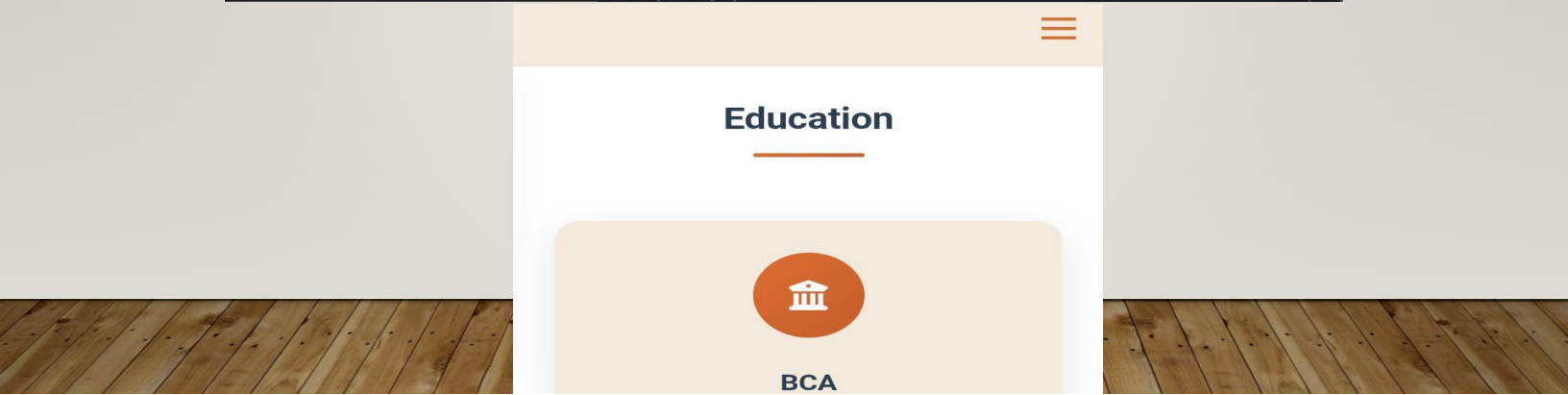
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Monaco, Consolas, monospace;
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const skillCards = document.q
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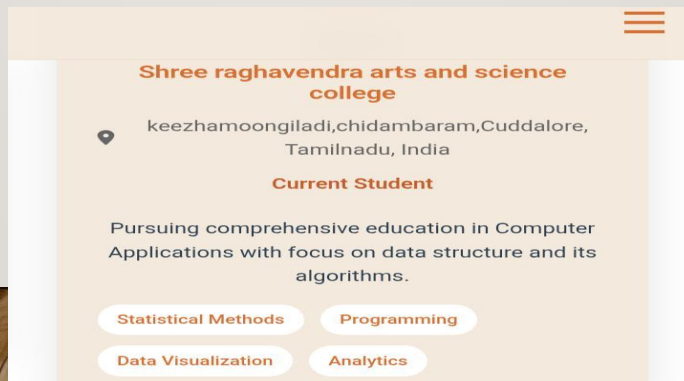
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      <h2>Get In Touch
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    </div>
    <div class="contact-e
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BlinkMacSystemFont,	"Segoe UI", --font-family-mono:	"Berkeley Mon FMono-Regular, Menlo, Monaco, Consolas, monospace;	--font-size-xs: 11px; --font-size-sm: 12px; --font-size-base: 14px; --font-size-md: 14px; --font-size-lg: 16px; --font-size-xl: 18px; --font-size-2xl: 20px; --font-size-3xl: 24px; --font-size-4xl: 30px; --font-weight-normal: 400; --font-weight-medium: 500; --font-weight-semibold: 550; --font-weight-bold: 600; --line-height-tight: 1.2; --line-height-normal: 1.5; --letter-spacing-tight: -0.01em;	// Hide scroll indicator when  	</div></div></div> </section> <!-- Contact Section --> <section id="contact" class=							



# SCREENSHOT

```
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    heroScroll.style.opaci
  }
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</div>
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    </div>
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        <h3>Let's Con
        <div class="
        <div clas
```

## Get In Touch

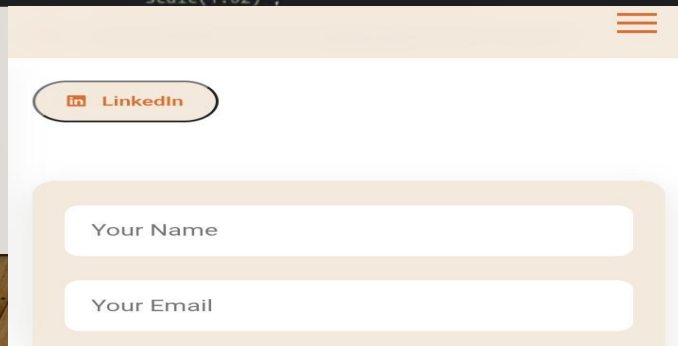
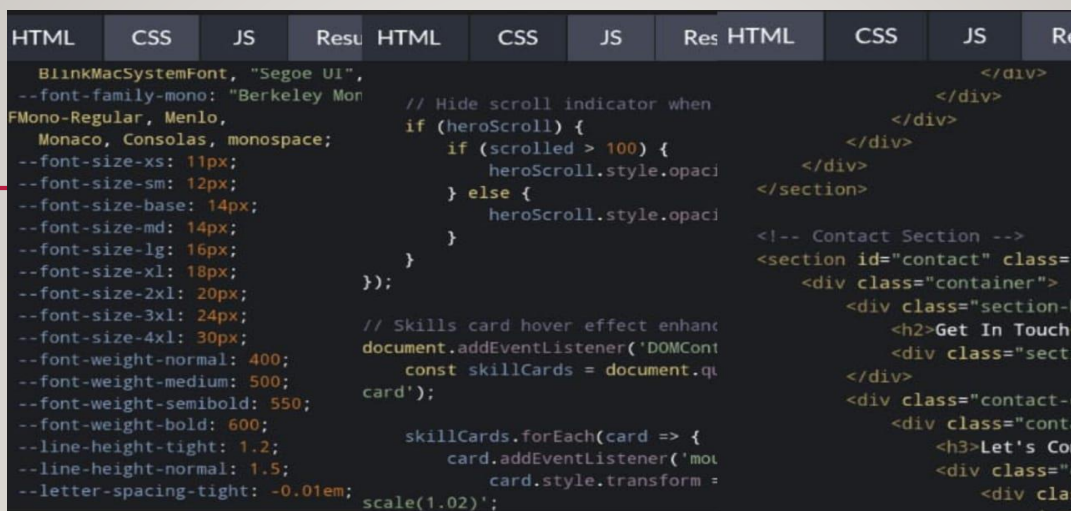
### Let's Connect!

📍 Cuddalore, Tamilnadu, India

🎓 SRASC- BCA Student

✉️ niwethasivaraj@gmail.com

## SCREENSHOT





# SCREENSHOT

The screenshot displays a web browser window with a code editor on the left and a preview of a contact form on the right. The code editor shows CSS and JavaScript code for a contact form. The CSS code defines font families, sizes, weights, and line heights. The JavaScript code handles the form submission, including a scroll indicator and a skills card hover effect. The preview shows a contact form with a 'Subject' input field, a 'Your Message' text area, and a 'Send Message' button. The form is styled with a light orange background and a white border. The browser's address bar shows the URL 'http://localhost:3000/'.

```
HTML CSS JS Res HTML CSS JS Res HTML CSS JS Re
BlinkMacSystemFont, "Segoe UI",
--font-family-mono: "Berkeley Mono
FMono-Regular, Menlo,
Monaco, Consolas, monospace;
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--font-size-sm: 12px;
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</div>
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</div>
</section>
<!-- Contact Section -->
<section id="contact" class=
  <div class="container">
    <div class="section-h
      <h2>Get In Touch
      <div class="sect
        </div>
        <div class="contact-c
          <div class="conta
            <h3>Let's Con
            <div class="c
              <div clas
```

# SCREENSHOT

The screenshot displays a code editor with three tabs: HTML, CSS, and JS. The CSS tab is active, showing font settings and scroll indicator logic. The JS tab shows event listeners for a hero scroll effect and skills card hover effects. The HTML tab shows the structure of the contact section.

```
HTML CSS JS Resu HTML CSS JS Res HTML CSS JS Re  
BlinkMacSystemFont, "Segoe UI",  
--font-family-mono: "Berkeley Mono"  
FMono-Regular, Menlo,  
Monaco, Consolas, monospace;  
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--font-size-sm: 12px;  
--font-size-base: 14px;  
--font-size-md: 14px;  
--font-size-lg: 16px;  
--font-size-xl: 18px;  
--font-size-2xl: 20px;  
--font-size-3xl: 24px;  
--font-size-4xl: 30px;  
--font-weight-normal: 400;  
--font-weight-medium: 500;  
--font-weight-semibold: 550;  
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</div>  
</div>  
</div>  
</div>  
</section>  
  
<!-- Contact Section -->  
<section id="contact" class=  
<div class="container">  
  <div class="section-h<br/><h2>Get In Touch<br/><div class="sect<br/></div>  
  <div class="contact-c<br/><div class="cont<br/><h3>Let's Con<br/><div class="e<br/></div clas
```

Send Message

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BCA Student | SRASC | Cuddalore, Tamilnadu, India

# CONCLUSION

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## Conclusion for Digital Portfolio Project

“The Digital Portfolio effectively showcases my personal profile, academic background, technical skills, and career aspirations in an organized and visually appealing format. It serves as a professional platform for potential employers, faculty, and collaborators to learn about my abilities and achievements. The project demonstrates my knowledge of web development using HTML, CSS, and JavaScript and highlights my capability to create user-friendly and responsive designs.”

THANK YOU

