

Assignment

Learner Details

- **Name:** Shrayanth S
 - **Enrollment Number:** SU625MR011
 - **Batch / Class:** June 2025 MERN
 - **Assignment:** Build a stylish profile card
 - **Date of Submission:** 09/07/2025
-

Problem Solving Activity 1.1

1. Program Statement

Build a stylish profile card

2. Algorithm

1. Start with a basic HTML5 document structure using `<!DOCTYPE html>`.
 2. Use the `<head>` section to define metadata, the title, a favicon, and link a CSS file (Res2.css) for styling.
 3. In the `<body>`, create a container `<div>` with the class `card` to hold all profile information.
 4. Inside the card:
 - Insert an `` tag for the profile picture.
 - Add a link to the resume page using an `<a>` tag.
 - Include a `<p>` tag describing the profile summary.
 5. Close all open HTML tags properly.
-

3. Pseudocode

- Start html document
- define document type as html5
- open html tag with language attribute

- Head section
 - set character encoding to utf-8
 - set viewport for responsive design
 - set title as "shrayanth s profile home page"
 - link external css file for styling
 - set favicon image
 - Body section
 - create a div with class "card"
 - insert profile image
 - add link to resume html page
 - add paragraph with profile description
 - end body
 - End html
-

4. Program Code

Res2.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
  <title>Shrayanth S Profile Home Page</title>
  <link rel="stylesheet" href="Res2.css">
  <link rel="icon" type="image/x-icon"
href="https://t4.ftcdn.net/jpg/07/72/57/19/360_F_772571913_XkQYqda1XTYBadqaFNh72abqZ
kEsajEe.jpg">

</head>
<body>

  <div class="card">
```


SHRAYANTH S

<p>Shrayanth S I am a creative web developer with a passion for clean UI, responsive design,
and building user-friendly experiences for modern web applications using Html, CSS and
JavaScript.</p>

</div>

</body>

</html>

Shrayanth_Resume.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Shrayanth S Resume</title>

<link rel="stylesheet" href="Shrayanth_Resume.css">

<link rel="icon" type="image/x-icon"
href="https://t4.ftcdn.net/jpg/07/72/57/19/360_F_772571913_XkQYqda1XTYBadqaFNh72abqZ
kEsajEe.jpg">

</head>

<body >

<hr/>

Return to Shrayanth S Profile Home Page

<center><h1 style="color: brown;">SHRAYANTH S</h1></center>

<hr style="color: cadetblue;"/>

<center>

+91 80957 00991

shrayants2002@gmail.com

LinkedIn Url :
https://www.linkedin.com/in/sshrayanth/

</center>

<hr/ >

<bold><u>Profile Summary</u></bold></h2>

1. Being passionate about utilizing my technical skills in a challenging and motivating environment, where I can thrive and make a meaningful impact.

2. My adaptability to new environments allows me to quickly integrate into dynamic teams and drive innovation.

3. I am eager to join an organization that fosters professional growth, values resourcefulness, and encourages flexibility.

4. With a strong focus on continuous learning, I am dedicated to honing my technical expertise to stay ahead in the industry.</p>

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<u>Educational Qualifications</u></h2>

<table border="1" cellpadding="10" cellspacing="0">

<th style="background-color: cadetblue;" colspan="4">

Cronological Study Background

</th>

<tr style="color: red; background-color: yellow;">

<td> Degree</td>

<td>Institution</td>

<td>Year Of Passing</td>

<td>Percentage/CGPA</td>

</tr>

<tr style="background-color: blanchedalmond; color: grey;">

<td>B.E. Information Science and Engineering</td>

<td>BNM Institute Of Technology</td>

<td>2024</td>

<td>7.58 CGPA</td>

</tr>

<tr style="background-color: blanchedalmond; color: grey;">

<td>Pre University - PCMB</td>

<td>Jain College, V.V.Puram</td>

<td>2020</td>

<td>75%</td>

</tr>

<tr style="background-color: blanchedalmond; color: grey;">

<td>SSLC</td>

<td>Auden Public School</td>

<td>2018</td>

<td>87.52%</td>

</tr>

</table>



A Unit of Pragnova Pvt Ltd

```
<pre><b>BNMIT</b>
</b>
<b>Auden Public School</b> </pre>
<b>Jain College
```

```
<iframe src="https://www.bnmit.org" title="BNMIT" height="250px"
width="400px"></iframe>
```

```
<iframe src="https://www.jaincollege.ac.in/" title="Jain College" height="250px"
width="400px"></iframe>
```

```
<iframe src="https://www.audenpublicschool.com/" title="Auden Public School"
height="250px" width="400px"></iframe>
```

```
<hr/ >
```

```
<h2 style="color: brown;"><u>Skills</u></h2>
```

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<marquee>
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</marquee>
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```
<h2 style="color: brown;"><u>Projects</u></h2>
```


 <li style="color: chocolate;">Solar Cell Defect Detection and Analysis System using Deep Learning

<p style="color: darkblue;">The main objective is to detect faults in solar panels using deep learning. Convolutional neural networks (CNNs) are

used for preliminary classification, whereas ResNet is utilised for thorough feature extraction (small, medium, large

cracks). This aids in properly identifying and categorising problems, resulting in increase the efficiency and

reliability of solar cell maintenance.
(Technologies used - TensorFlow, CNN, ResNet, Java, Android Studio) </p>

 <li style="color: chocolate;">File Structures, Transaction Management, Bank Management Application

<p style="color: darkblue;"> Operations of a bank transaction management application using ledger and journal file with admin and user

access respectively. Admin can perform operations such as ledger view, journal view, search for individual account

details using account number, whereas user can only look into his own account details.

(Technologies used - Transaction Management Technique, Java Swings)</p>

<hr/ >

<pre>

<h2 style="color: brown;"><u>Languages Known</u></h2>

<ul style="color: blueviolet;">

English ---> Read, Write, Speak

Kannada ---> Read, Write, Speak

Telugu ---> Read, Speak

Tamil ---> Speak

```

<li>Sanskrit ---> Read, Write, Speak</li>
</ul></b>
</pre>

<hr/>

<h2 style="color: brown;"><u>Declaration</u></h2>



<br>

<h4 style="color: red;">I declare that all the above information is true, best of my
knowledge</h4>

<h4 style="color: red;">Bangalore, Karnataka</h4>

<h4 style="color: red;">Dated : 09/07/2025</h4>

</body>
</html>

```

5. Test Cases

| Test Case ID | Test Description | Expected Result | Actual Result |
|--------------|---------------------------------|--|---------------|
| TC001 | Load profile page in browser | Page loads with profile card centred on the screen | As expected |
| TC002 | Check if profile image displays | Image should appear correctly | Image visible |
| TC003 | Click on the name link | Should navigate to Shrayanth_Resume.html | Link working |

| Test Case ID | Test Description | Expected Result | Actual Result |
|--------------|----------------------------|---|-------------------|
| TC004 | Verify page responsiveness | Card layout adjusts on different screen sizes (mobile/tablet/desktop) | Responsive layout |

6. Screenshots of Output



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SHRAYANTH S

[+91 80957 00991](#)shrayanth2002@gmail.com[LinkedIn Url : https://www.linkedin.com/in/sshrayanth/](https://www.linkedin.com/in/sshrayanth/)

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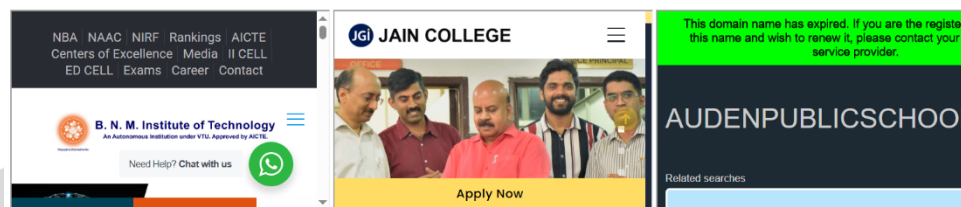
Educational Qualifications

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|--|-----------------------------|-----------------|-----------------|
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BNMIT

Jain College

Auden Public School



Skills



Projects

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- Telugu ---> Read, Speak
- Tamil ---> Speak
- Sanskrit ---> Read, Write, Speak

Declaration

 Image Not Found

I declare that all the above information is true, best of my knowledge

Bangalore, Karnataka

Dated : 09/07/2025

7. Observation / Reflection

I faced some challenges deciding on the layout and making sure it looked good on all devices. Linking the CSS file properly and checking that the styles worked as expected also took some effort. From this task, I learned how important clean, semantic HTML is and how to connect external styles and favicons. I also gained experience creating simple, reusable components like a profile card. Next time, I'd like to add hover effects, include social media links, and improve accessibility with ARIA labels.

