

Learner Details

- **Name:** Nikhil k
 - **Enrollment Number:** su625mr004
 - **Batch / Class:** Mern Stack
 - **Assignment:** Profile card
 - **Date of Submission:** 09-07-2025
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Problem Solving Activity 1.1

1. Program Statement

Design a simple personal profile webpage that displays a profile picture, name, short bio, and a link to the resume. The page should be styled for a clean and professional look using CSS.

2. Algorithm

- Set up the HTML document with the appropriate `<head>` elements including CSS link and favicon.
 - Create a container (.profile-card) to hold the profile image, name, description, and resume link.
 - Display the profile image using ``.
 - Show the name using `<h1>` and bio using `<p>`.
 - Add a clickable link to open the resume (resume.html).
 - Style the layout and elements in profile.css to ensure good visual appearance.
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3. Pseudocode

START

DEFINE HTML structure with head and body

LINK CSS file and favicon

CREATE profile-card container

DISPLAY profile image

DISPLAY name in heading

DISPLAY bio in paragraph

ADD link to resume

END

4. Program Code

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <link rel="stylesheet" href="profile.css">
```

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

```
  <link rel="icon" href="Nikhil_k.png" type="image/x-icon">
```

```
  <title>profile Nikhil k</title>
```

```
</head>
```

```
<body class="body">
```

```
  <div class="profile-card">
```

```
    
```

```
    <h1>Nikhil k</h1>
```

```
    <p>Hi, I am Nikhil_k. I am a web developer with a passion for creating dynamic and responsive websites. I love coding and enjoy learning new technologies.</p>
```

```
    <a href="resume.html">Resume</a>
```

```
  </div>
```

```
</body>
```

```
</html>
```

5. Test Cases

Action	Expected Result
Load page	Profile card with image, name, bio, and resume link visible
Click resume link	Opens resume.html
Image not found	Shows alt text "Nikhil_k"
Resize browser	Profile card remains centered and readable (if CSS responsive)

6. Screenshots of Output





Nikhil k

Hi, I am Nikhil_k. I am a web developer with a passion for creating dynamic and responsive websites. I love coding and enjoy learning new technologies.

[Resume](#)

7. Observation / Reflection

- I learned how to combine HTML structure with external CSS for a neat profile design.
- Linking a favicon made the webpage look more polished and professional.
- This task reinforced the use of semantic tags and linking between pages.