

Lab#5 Build a personal portfolio (CV) webpage using HTML and CSS and make it responsive using Media Query.

TAGS USED / ATTRIBUTES USED / DESCRIPTION

TAGS USED	ATTRIBUTES USED	DESCRIPTION
<!DOCTYPE html>	–	Defines the document type as HTML5.
<html>	lang	Marks the start and end of the HTML document, lang="en" specifies the language.
<head>	–	Contains metadata, title, and internal CSS styling.
<meta>	charset, name, content	Sets character encoding (UTF-8) and viewport for responsiveness.
<title>	–	Displays the title of the webpage in the browser tab.
<style>	–	Contains all internal CSS rules including media queries.
<body>	–	Contains all visible webpage content.
<header>	–	Defines the top section with the portfolio name and tagline.
<h1>	–	Displays the main heading (Your Name).
<p>	–	Displays short description text under the heading.
<nav>	–	Creates the navigation bar.
<a>	href	Creates navigation links that scroll to sections of the page.
<div>	class	Used as container for grouping sections together.
<section>	id, class	Divides content into logical sections (About, Skills, Projects, Contact).
<h2>	–	Displays section headings.
	class	Creates unordered lists (used for skills).
	–	Represents individual list items (skills).
<div>	class	Used for project-card layout inside the project section.
<h3>	–	Displays individual project titles.
<footer>	–	Displays copyright text at the bottom of the page.

Final Outcome:

Rohit
Aspiring Software Engineer | Web Developer | Tech Enthusiast

- [About](#)
- [Skills](#)
- [Projects](#)
- [Contact](#)

About Me

Hello! I'm Rohit, a passionate Computer Science student exploring Web Development, Data Science, and AI. I love solving real-world problems with creative and efficient code.

Skills

HTML & CSS
JavaScript
C / C++
Java
Python
SQL & Databases

Projects

Portfolio Website

A responsive portfolio to showcase my skills and projects.

Student Management System

A Java + MySQL project to manage student records efficiently.

Data Visualization Dashboard

Created using Python libraries to analyze and visualize data.

Contact

Email: r@gmail.com
 LinkedIn: linkedin.com/in/rohit
 GitHub: github.com/rohit

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Code Snippet:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>My Portfolio</title>
    <style>
        body {
            margin: 0;
            font-family: Arial, sans-serif;
            background: #f5f5f5;
```

```
        color: #333;
    }
header {
    background: #003366;
    color: white;
    text-align: center;
    padding: 20px;
}
header h1 {
    margin: 0;
    font-size: 2rem;
}
header p {
    margin: 5px 0 0;
    font-size: 1rem;
}
nav {
    background: #004080;
    text-align: center;
    padding: 10px;
}
nav a {
    text-decoration: none;
    color: white;
    margin: 0 15px;
    font-weight: bold;
    transition: color 0.3s;
}
nav a:hover {
    color: #ffcc00;
}
.container {
    width: 80%;
    max-width: 1000px;
    margin: 20px auto;
    background: white;
    padding: 20px;
    border-radius: 10px;
    box-shadow: 0 3px 8px rgba(0,0,0,0.1);
}
h2 {
```

```

        color: #003366;
        border-left: 5px solid #004080;
        padding-left: 10px;
        margin-top: 0;
    }
    .about, .skills, .projects, .contact {
        margin-bottom: 30px;
    }
    .skills-list, .project-list {
        display: flex;
        flex-wrap: wrap;
        gap: 10px;
        padding: 0;
        list-style: none;
    }
    .skills-list li, .project-card {
        background: #e6f0ff;
        padding: 10px 15px;
        border-radius: 6px;
        box-shadow: 0px 2px 4px rgba(0,0,0,0.1);
    }
    .project-card {
        flex: 1 1 calc(33% - 20px);
        box-sizing: border-box;
        text-align: center;
    }
    .project-card h3 {
        margin-top: 0;
    }
    footer {
        background: #003366;
        color: white;
        text-align: center;
        padding: 15px;
        margin-top: 30px;
    }

    /* Responsive Design */
    @media (max-width: 768px) {
        .container {
            width: 90%;
        }
    }

```

```

        padding: 15px;
    }
    .project-card {
        flex: 1 1 calc(50% - 10px);
    }
}
@media (max-width: 480px) {
    nav {
        display: flex;
        flex-direction: column;
        gap: 8px;
    }
    .project-card {
        flex: 1 1 100%;
    }
}
</style>
</head>
<body>

<header>
    <h1>Rohit</h1>
    <p>Aspiring Software Engineer | Web Developer | Tech Enthusiast</p>
</header>

<nav>
    <a href="#about">About</a>
    <a href="#skills">Skills</a>
    <a href="#projects">Projects</a>
    <a href="#contact">Contact</a>
</nav>

<div class="container">
    <section id="about" class="about">
        <h2>About Me</h2>
        <p>Hello! I'm Rohit, a passionate Computer Science student exploring Web Development, Data Science, and AI.  

            I love solving real-world problems with creative and efficient code.</p>
    </section>

    <section id="skills" class="skills">

```



```
<h2>Skills</h2>
<ul class="skills-list">
    <li>HTML & CSS</li>
    <li>JavaScript</li>
    <li>C / C++</li>
    <li>Java</li>
    <li>Python</li>
    <li>SQL & Databases</li>
</ul>
</section>

<section id="projects" class="projects">
    <h2>Projects</h2>
    <div class="project-list">
        <div class="project-card">
            <h3>Portfolio Website</h3>
            <p>A responsive portfolio to showcase my skills and projects.</p>
        </div>
        <div class="project-card">
            <h3>Student Management System</h3>
            <p>A Java + MySQL project to manage student records efficiently.</p>
        </div>
        <div class="project-card">
            <h3>Data Visualization Dashboard</h3>
            <p>Created using Python libraries to analyze and visualize data.</p>
        </div>
    </div>
</section>

<section id="contact" class="contact">
    <h2>Contact</h2>
    <p>Email: r@gmail.com</p>
    <p>LinkedIn: linkedin.com/in/rohit</p>
    <p>GitHub: github.com/rohit</p>
</section>
</div>

<footer>
    &copy; 2028 Rohit | All Rights Reserved

```

```
</footer>
```

```
</body>
```

```
</html>
```