Portfolio (web-development)

Sorce code :

Index.html

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Daksh Saxena -- Portfolio</title>
    <link rel="stylesheet" href="style.css">
    <!-- using link we added our style.css page for styling  -->
</head>

<body>
    <div id="top"></div>
    <header>
        <!-- in header we write our main top of the page  -->
        <nav class="header-nav">
            <div class="name">
                <h1 style="letter-spacing: 2px;"><ins>Portfolio</ins></h1>
            </div>
            <div class="nav">
                <!-- using div with class nav so we can customize it in style.css -->
                <a href="#top">Home</a>
                <a href="#about_me">About Me</a>
                <a href="#skills">Skills</a>
                <a href="#projects">Projects</a>
                <a href="#contacts">Contact</a>
                <!-- <a href="#blog">Blog</a> -->
                <!-- <a href="index.html" class="active">Portfolio</a> -->
            </div>
        </nav>
    </header>
    <main>
        <!-- in main section i am going to write body of my page -->
        <div class="pic-div">
```

```html
            <img src="Daksh.jpeg" alt="Daksh Saxena Picture"
class="profile-pic">
        </div>
        <!-- <div class="Temp" > -->
        <div class="intro">
            <!-- in into adding basic into of daksh  -->
            <h2>Daksh Saxena</h2>
            <p>B.Tech AIML . 1st Year @ KIET</p>
            <p>Building a strong base on coding fundamentals,
problem-solving, and modern AI workflows.</p>
        </div>
        <!-- </div> -->
        <br> <br> <br>
        <hr>
        <div class="about" id="about_me">
            <!-- from here about section start with class about
-->
            <h2>About Me</h2>
            <p> I'm a first-year B.Tech AIML student at KIET who
enjoys learning how things work under the hood. I like
                understanding concepts slowly and properly —
whether it's programming, math, or basic AI ideas. <br>
                I spend most of my time exploring C programming,
debugging small problems, and building simple projects
                that help me learn better.<br>
                Outside of coding, I enjoy reading about
technology, experimenting with new tools, and improving myself
                step by step.<br>
                My goal right now is simple:
                build a strong foundation and become the kind of
engineer who understands things deeply, not just
                superficially.</p>
            <p>Right now, I'm exploring:</p>
            <!-- using unordered list to show points  -->
            <ul>
                <li>Programming Languages: Python, C++</li>
                <li>AI & Machine Learning Basics</li>
                <li>Data Structures & Algorithms</li>
                <li>Web Development Fundamentals</li>
            </ul>
            <p>My goal is to become a solid engineer who writes
clean, reliable, and efficient code — not just flashy AI
                scripts.</p>


        </div>
        <hr>
        <section class="skills" id="skills">
            <!-- from here about section ends and skill section
start  -->
            <h2>Skills</h2>
```

```html
<div class="skill-grid">

    <div class="skill-card">
        <h3>Programming skills</h3>
        <ul>
            <!-- adding skill with icons so portfolio
looks engaging  -->
            <li>C  <img src="c_program.png"
alt="C.symboll" class="icon" ></li>
            <!-- <img src="c_program.png"
alt="C.symboll" class="icon" > -->
            <li>Python <img src="python.jpeg"
alt="Python.icon" class="icon"></li>
            <!-- <li>C++ (Basics)</li> -->
        </ul>
        <!-- <div class="symboll" > -->
    </div>
    <div class="skill-card">
        <h3>Web Development</h3>
        <ul>
            <li>HTML <img src="html.png"
alt="html.icon" class="icon" > </li>
            <li>CSS <img src="css.jpeg" alt="css.icon"
class="icon" > </li>
            <!-- <li>Basic JavaScript</li> -->
        </ul>
    </div>

    <div class="skill-card">
        <h3>CS Fundamentals</h3>
        <ul>
            <li>Problem-Solving</li>
            <li>Debugging</li>
            <li>Logic Building</li>
            <!-- <li>Data Structures (Learning)</li>
-->
        </ul>
    </div>

    <div class="skill-card">
        <h3>Tools</h3>
        <ul>
            <li>VS Code <img src="VScode.png"
alt="Vs.icon" class="icon" > </li>
            <li>Git & GitHub <img src="github.png"
alt="github.icon" class="icon" > </li>
            <!-- <li>Linux (Basics)</li> -->
        </ul>
    </div>


        <!-- </div> -->
```

```html
            </div>
        </section>
        <hr>
        <!-- from here project section start where i will show
some of my projects  -->
        <div class="project" id="projects" >
            <h2 class="proj.">Projects</h2>
            <section id="projects" class="projects">
    <div class="container">
        <!-- using divs and article with class so we can work on it in
style.css easily  -->
        <h2>Some of the projects I've worked on recently</h2>
        <p class="projects-sub">showcasing my interest in coding,
electronics, and practical problem-solving.</p>

        <div class="projects-grid">
            <!-- Project 1: Wheelchair -->
            <article class="project-card">
                <div class="project-top">
                    <h3>Voice-Controlled, GPS-Enabled Smart Wheelchair</h3>
                </div>
                <p class="project-desc">
                    A functional prototype designed to help users move
independently using simple voice commands.
                    The wheelchair uses sensors for safety and integrates
basic GPS tracking for guided navigation and location awareness.
                </p>
                <ul class="project-points">
                    <li>Designed a voice-controlled wheelchair prototype
with GPS support.</li>
                    <li>Integrated obstacle-detection sensors for safe
movement.</li>
                    <li>Explored IoT concepts, real-time control, and
assistive tech.</li>
                </ul>
            </article>

            <!-- Project 2: Portfolio -->
            <article class="project-card">
                <div class="project-top">
                    <h3>Personal Portfolio Website</h3>
                </div>
                <p class="project-desc">
                    A fully custom dark-theme portfolio built with HTML,
CSS. Focused on minimal UI, responsiveness, and readability.
                </p>
                <ul class="project-points">
                    <li>Designed and built a responsive dark-themed
portfolio from scratch.</li>
                    <li>Clean HTML/CSS structure .</li>
                    <li>Showcases skills, projects, and contact info.</li>
                </ul>
```

```html
        </article>

        <!-- Project 3: C Calculator -->
        <article class="project-card">
          <div class="project-top">
            <h3>C Console Calculator</h3>
          </div>
          <p class="project-desc">
            A console-based arithmetic calculator written in C using
functions and switch-case logic. Emphasized clean code and input
handling.
          </p>
          <ul class="project-points">
            <li>Built using modular C functions and proper input
validation.</li>
            <li>Supports add/subtract/multiply/divide and basic
error checks.</li>
            <li>Strengthened fundamentals and logical problem
solving.</li>
          </ul>
        </article>
      </div>
    </div>
</section>


        </div>
    </main>
    <hr>
    <!-- now , from here footer part start  -->
    <footer class="contact" id="contacts">
        <!-- in contact section i am going to share some links so
user can contact me  -->
    <h2>Contacts</h2>

    <p>If you'd like to reach out, collaborate, or just talk about
tech and projects, feel  free to message me anytime.</p>

    <p><strong>Email:</strong> <a href="https://mail.google.com/
mail/u/0/#inbox">daksh945saxena@gmail.com</a></p>
    <p><strong>GitHub:</strong> <a href="https://github.com/
daksh-945/Daksh_44_AIml_B">Github.com</a></p>
    <p><strong>LinkedIn:</strong><a href="https://
www.linkedin.com/feed/"> Linkdin.com</a></p>

    <p>I usually reply within a day.</p>

    </footer>
</body>

</html>
```

Style.css

```css
body {
    background-color: rgb(77, 98, 160);
}


* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
/* for classes we use .class_name so we can style it  */
.header-nav {
    display: flex;
    justify-content: space-between;
    padding: 10px;
    background-color: #202f46;
    color: white;
}
.header-nav a {
    color: white;
    margin: 0 10px;
    letter-spacing: 0.5;
}
/* in header-nav we are styling first child a in it  */
.profile-pic {
    border-radius: 50%;
    width: 300px;
    height: 300px;
    object-fit: cover;
    padding : 20px;
    margin-top: 30px;


}
.pic-div {
    display: flex;
    justify-content: center;
    align-items: center;
}
/* in pic-div we make picture at center  */
.intro {
    text-align: center;
    color: white;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    margin-top: 20px;
    line-height: 2;
    letter-spacing: 0.5px;
    border-radius: 30%;
    /* background-color: rgb(249, 248, 251); */
    display: block;
```

```css
        font-weight: 600;
        font-size: 24px;
}
/* in .intro we set font size style color etc  */
.intro p {
        font-size: 18px;
        color: #bfc6d1;
}
.about {
        background-color: #82b6e8;
        padding: 20px 20px;
}
#about_me h2 {
        color: #1b1919;
        padding: 0 5px;
        font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
        margin-left: 15px;
        font-size: 28px;
        text-decoration: underline;
        letter-spacing: 0.5px;
        margin-bottom: 20px;
}
.about p , ul{
        color: #0d0d0d;
        font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
        font-size: 18px;
        line-height: 30px;
         padding: 10px 5px;
         margin-left: 15px;
}
/* be give marging and gaps by using padding and margin  */
.about ul {
        list-style-type: disc;
        margin-left: 32px;
}
.skills {
        color: #252628;
        padding: 10px 14px;
        /* margin-left: 20px; */
        background-color: #99c9f5;
}
.skills h2 {
        color: #272424;
        padding: 0 5px;
        font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
        margin-left: 15px;
        font-size: 28px;
        text-decoration: underline;
        letter-spacing: 0.5px;
        margin-bottom: 20px;
}
.icon {
```

```css
    display: flex;
    justify-content: right;
    align-items: right;
    border-radius: 50%;
    object-fit: cover;
    width: 100px;
    margin-left: 30px;
    /* text-align: right; */
}
/* in .icon we are settling icon size shape etc  */
.project {
    padding: 15px;
    background-color: #abd6ff;
    color: #0d0d0d;
    font-size: 20px;



}
.project h2 {
    text-decoration: underline;
    padding: 15px;
     font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
}

/* Projects section - dark theme */
.projects {
  background: #5fa6e8;
  color: #161618;
  padding: 60px 20px;
  border-top: 1px solid rgba(21, 14, 14, 0.06);
}

.projects .container {
  max-width: 1100px;
  margin: 0 auto;
}

.projects h2 {
  color: #0d0c0c;
  font-size: 30px;
  margin: 0 0 8px;
  letter-spacing: 0.3px;
}

.projects-sub {
  color: #191a1b;
  margin-bottom: 26px;
  max-width: 900px;
 font-size: 20px;
}

/* grid */
```

```css
.projects-grid {
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));
  gap: 20px;
}

/* project card */
.project-card {
  background: linear-gradient(180deg, rgba(255,255,255,0.02),
rgba(255,255,255,0.01));
  border-radius: 12px;
  padding: 18px;
  box-shadow: 0 8px 24px rgba(0,0,0,0.6);
  transition: transform .18s ease, box-shadow .18s ease;
  border: 1px solid rgba(255,255,255,0.03);
}

.project-card:hover {
  transform: translateY(-6px);
  box-shadow: 0 18px 40px rgba(2,6,23,0.8);
}

/* title row */
.project-top {
  display: flex;
  align-items: center;
  justify-content: space-between;
  margin-bottom: 8px;
}

.project-card h3 {
  color: #191818;
  font-size: 18px;
  margin: 0;
}

/* description & points */
.project-desc {
  color: #2c2d2e;
  margin: 8px 0 12px;
  line-height: 1.5;
  font-size: 15px;
}

.project-points {
  margin: 0;
  padding-left: 18px;
  color: #262627;
}

.project-points li {
  margin: 6px 0;
```

```css
    font-size: 14px;
}
/* from here we are going to style our contact section */
.contact {
    padding: 20px;
    background-color: #b5dbff;
    /* text-decoration: underline; */
    font-size: 18px;
}
.contact {
  background: #b5dbff;
  padding: 60px 20px;
  text-align: center;
  color: #1a1b1c;
}

.contact h2 {
  font-size: 32px;
  margin-bottom: 18px;
  color: #080808;
}

.contact p {
  font-size: 17px;
  max-width: 650px;
  margin: 10px auto;
  line-height: 1.6;
}

.contact strong {
  color: #151515;
}
/* after styling all sections our style.css ends here  */
```

Output :

Portfolio   Home About Me Skills Projects Contact

Daksh Saxena

B.Tech AIML . 1st Year @ KIET

Building a strong base on coding fundamentals, problem-solving, and modern AI workflows.

About Me

I'm a first-year B.Tech AIML student at KIET who enjoys learning how things work under the hood. I like understanding concepts slowly and properly — whether it's programming, math, or basic AI ideas.

I spend most of my time exploring C programming, debugging small problems, and building simple projects that help me learn better.

Outside of coding, I enjoy reading about technology, experimenting with new tools, and improving myself step by step.

My goal right now is simple: build a strong foundation and become the kind of engineer who understands things deeply, not just superficially.

My goal right now is simple: build a strong foundation and become the kind of engineer who understands things deeply, not just superficially.

Right now, I'm exploring:

- Programming Languages: Python, C++
- AI & Machine Learning Basics
- Data Structures & Algorithms
- Web Development Fundamentals

My goal is to become a solid engineer who writes clean, reliable, and efficient code — not just flashy AI scripts.

Skills

Programming skills

- C

- Python

Web Development

- HTML

- CSS

CS Fundamentals

- Problem-Solving
- Debugging
- Logic Building

Tools

- VS Code

- Git & GitHub

Projects

Some of the projects I've worked on recently

showcasing my interest in coding, electronics, and practical problem-solving.

Voice-Controlled, GPS-Enabled Smart Wheelchair

A functional prototype designed to help users move independently using simple voice commands. The wheelchair uses sensors for safety and integrates basic GPS tracking for guided navigation and location awareness.

- Designed a voice-controlled wheelchair prototype with GPS support.
- Integrated obstacle-detection sensors for safe movement.
- Explored IoT concepts, real-time control, and assistive tech.

Personal Portfolio Website

A fully custom dark-theme portfolio built with HTML, CSS. Focused on minimal UI, responsiveness, and readability.

- Designed and built a responsive dark-themed portfolio from scratch.
- Clean HTML/CSS structure .
- Showcases skills, projects, and contact info.

C Console Calculator

A console-based arithmetic calculator written in C using functions and switch-case logic. Emphasized clean code and input handling.

- Built using modular C functions and proper input validation.
- Supports add/subtract/multiply/divide and basic error checks.
- Strengthened fundamentals and logical problem solving.

Contacts

If you'd like to reach out, collaborate, or just talk about tech and projects, feel free to message me anytime.

Email: daksh945saxena@gmail.com

GitHub: Github.com

GitHub: Github.com

LinkedIn: Linkdin.com

I usually reply within a day.