WEB DEVELOPMENT ASSIGNMENT 2025

Name: Ritik Chaudhary
Class: AIML-D
Roll no: 202501100400262

Welcome to Ritik's Portfolio

Hi, I'm Ritik Chaudhary – CSE_AIML Student

This webpage highlights my academic background, tech skills, and projects. It is created using HTML and CSS as part of my web development assignment.

Use the navigation bar above to explore more about me, my skills, and to contact with me.

Note: This portfolio is continuously getting better as I learn new things and work on more cool projects.

Skills & Projects

Below are some of my technical skills and academic projects. These cards are arranged using Flexbox layout.

C and Python Programming

Indepth Knowledge of libraries. Strong understanding of basic syntax, functions, arrays, pointers, and recursion. Completed multiple lab assignments and mini programs.

HTML & CSS

Able to create structured web pages with semantic HTML and style them using basic CSS, including Flexbox and float-based layouts.

Machine learning

I have build AI-Chatbot using RAG and Langchain

Debates and speeches

I have participated in multiple debates and gave speech on topics which touches ground reality. Topics i have covered are Nepal GenZ protest etc.

Student Portfolio Website

Designed and developed this multi-page personal portfolio website using only HTML and CSS, hosted on GitHub as part of coursework.

Problem Solving

Solving problems on leetcode, codechef and codeforces. Developing aptitude by DSA problems.

Contact Me

If you would like to get in touch regarding projects, internships, or any queries, please fill out the form below.

Name:

Enter your name

Email:

Enter your email

Subject:

Enter subject

Message:
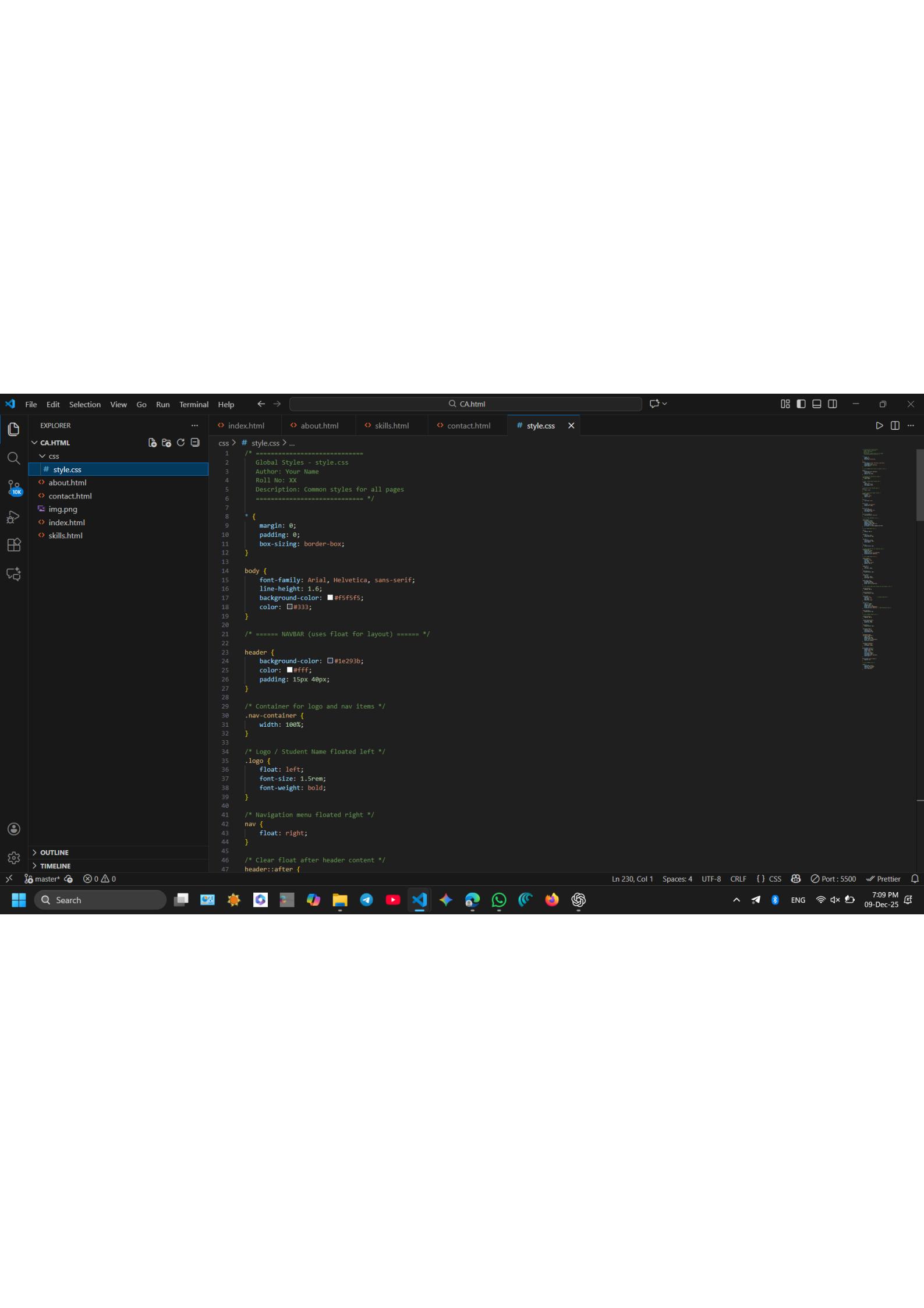
Enter your message

Submit

About Me

I am Ritik Chaudhary, I am pursuing my undergraduation from KIET Group of Institutions, Delhi NCR. I am curious about Machine learning, GenAI, Agentic AI programming, problem solving in C and Python, DSA, and exploring new technologies in the field of Blockchain.

I have a strong foundation in C and python programming and I am currently learning web development, data structures, and the basics of artificial intelligence and machine learning.

Along with academics, I enjoy working on personal projects that help me apply my classroom learning to real-world problems.For example i have made an AI-chat bot using RAG and Langchain. I also like collaborating with classmates on technical assignments and hackathons.

I want to become a skilled AI engineer who can build reliable, user-friendly, and efficient solutions that make a positive impact on society. Also i want to contribute in nation development building vikshit bharat by 2047.

```css
/* ==============================
   Global Styles - style.css
   Author: Your Name
   Roll No: XX
   Description: Common styles for all pages
   ============================== */

* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body {
    font-family: Arial, Helvetica, sans-serif;
    line-height: 1.6;
    background-color: #f5f5f5;
    color: #333;
}

/* ====== NAVBAR (uses float for layout) ====== */

header {
    background-color: #1e293b;
    color: #fff;
    padding: 15px 40px;
}

/* Container for logo and nav items */
.nav-container {
    width: 100%;
}

/* Logo / Student Name floated left */
.logo {
    float: left;
    font-size: 1.5rem;
    font-weight: bold;
}

/* Navigation menu floated right */
nav {
    float: right;
}

/* Clear float after header content */
header::after {
```

```html
<!--
    File: contact.html
    Description: Contact form page with Name, Email, Subject, Message fields
    Author: Your Name
    Roll No: XX
-->

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Student Portfolio | Contact</title>
    <link rel="stylesheet" href="css/style.css">
</head>
<body>

    <!-- Common Header with Navigation Bar -->
    <header>
        <div class="nav-container">
            <div class="logo">Ritik Chaudhary</div>
            <nav>
                <ul>
                    <li><a href="index.html">Home</a></li>
                    <li><a href="about.html">About</a></li>
                    <li><a href="skills.html">Skills</a></li>
                    <li><a href="contact.html">Contact</a></li>
                </ul>
            </nav>
        </div>
    </header>

    <!-- Contact Form Section -->
    <section class="main-content">
        <div class="contact-section">
            <h1>Contact Me</h1>
            <p>
                If you would like to get in touch regarding projects, internships,
                or any queries, please fill out the form below.
            </p>

            <!-- Contact form (no backend, for demo only) -->
            <form action="#" method="post">
                <!-- Name field -->
                <div class="form-group">
                    <label for="name">Name:</label>
                    <input
                        type="text"
```

```html
<!--
    File: skills.html
    Description: Skills & Projects page with cards aligned using Flexbox
    Author:
    Roll No: XX
-->

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Student Portfolio | Skills & Projects</title>
    <link rel="stylesheet" href="css/style.css">
</head>
<body>

    <!-- Common Header with Navigation Bar -->
    <header>
        <div class="nav-container">
            <div class="logo">Ritik Chaudhary</div>
            <nav>
                <ul>
                    <li><a href="index.html">Home</a></li>
                    <li><a href="about.html">About</a></li>
                    <li><a href="skills.html">Skills</a></li>
                    <li><a href="contact.html">Contact</a></li>
                </ul>
            </nav>
        </div>
    </header>

    <!-- Skills & Projects Section -->
    <section class="main-content">
        <div class="skills-section">
            <h1>Skills & Projects</h1>
            <p>
                Below are some of my technical skills and academic projects.
                These cards are arranged using Flexbox layout.
            </p>

            <!-- Flexbox container for cards -->
            <div class="skill-cards">
                <!-- Card 1 -->
                <div class="skill-card">
                    <h3>C and Python Programming</h3>
                    <p>
                        Indepth Knowledge of libraries. Strong understanding of basic syntax, functions, arrays, pointers, and recursion.
```

```html
ng="en">

 der>

 About content -->
 ion class="main-content">
 div class="about-wrapper">
        <!-- Text section -->
        <div class="about-text">
            <h1>About Me</h1>
            <p>
                I am Ritik Chaudhary, I am pursuing my undergraduation from KIET Group of Institutions,
                Delhi NCR. I am curious about Machine learning, GenAI, Agentic AI programming, problem solving in C and Python, DSA,  and exploring new
                technologies in the field of Blockchain.
            </p>
            <p>
                I have a strong foundation in C and python programming and I am currently learning web development,
                data structures, and the basics of artificial intelligence and machine learning.
            </p>
            <p>
                Along with academics, I enjoy working on personal projects that help me apply my classroom
                learning to real-world problems.For example i have made an AI-chat bot using RAG and Langchain. I also like collaborating with classmates on technical
                assignments and hackathons.
            </p>
            <p>
             I want to become a skilled AI engineer who can build reliable, user-friendly,
                and efficient solutions that make a positive impact on society. Also i want to contribute in nation development building vikshit bharat by 2047.
            </p>
        </div>

        <!-- Profile Image section -->
        <div class="about-image">
            <!-- Replace profile.jpg with your image file -->
            <img src="https://t4.ftcdn.net/jpg/04/31/64/75/360_F_431647519_usrbQ8Z983hTYe8zgA7t1XVc5fEtqcpa.jpg" alt="Profile picture of Your Name">
        </div>
     /div>
 tion>

 er>
 &copy; 2025 Ritik · My Portfolio
 ter>
```

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

    <!-- Common Header with Navigation Bar -->
    <header>
        <div class="nav-container">
            <!-- Ritik / Logo (floated left via CSS) -->
            <div class="logo">Ritik Chaudhary</div>

            <!-- Navigation Menu (floated right via CSS) -->
            <nav>
                <ul>
                    <li><a href="index.html">Home</a></li>
                    <li><a href="about.html">About</a></li>
                    <li><a href="skills.html">Skills</a></li>
                    <li><a href="contact.html">Contact</a></li>
                </ul>
            </nav>
        </div>
    </header>

    <!-- Main content area -->
    <section class="main-content">
        <div class="hero">
            <!-- Short intro for home page -->
            <h1>Welcome to Ritik's Portfolio</h1>
            <h2>Hi, I'm Ritik Chaudhary | CSE_AIML Student</h2>
            <p>
                This webpage highlights my academic background, tech skills, and projects.
                It is created using  HTML and  CSS as part of my web development assignment.
            </p>
            <p>
                Use the navigation bar above to explore more about me, my skills, and to contact with me.
            </p>

            <div class="highlight-box">
                <strong>Note:</strong> This portfolio is continuously getting better as I learn new things
                and work on more cool projects.
            </div>
        </div>
    </section>

    <!-- Simple footer -->
    <footer>
        &copy; 2025 Ritik Chaudhary · My Portfolio
    </footer>

</body>
```