

Utsav Rai Portfolio

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127.0.0.1:5500

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Utsav Rai



Hi, I'm Utsav Rai

B.Tech CSE (AI/ML) | KIET Ghaziabad

Passionate developer and keen learner in AI, IoT, and full-stack development. All my project details and code are shown below.

Skills

HTML CSS C Language Arduino IoT Project Development Git & GitHub AI/ML Basics

14°C Clear

Search

01-12-2025 07:46 PM ENG IN

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My Projects

Arduino-Controlled Digital Dice Roller

A digital dice roller using Arduino that generates random numbers (1–6) and displays them using LEDs.

View Code

```
int ledPins[] = {2,3,4,5,6,7};  
void setup() {  
    for(int i=0;i<6;i++) pinMode(ledPins[i], OUTPUT);  
}  
void loop() {  
    int number = random(1,7);  
    for(int i=0;i<6;i++) digitalWrite(ledPins[i], LOW);  
    for(int i=0;i<number;i++)
```

Water Leakage & Overflow Detection IoT System

Smart water monitoring system using Arduino, sensors, alarms, and mobile alert notifications.

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My Projects

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void setup() {  
    for(int i=0;i<6;i++) pinMode(ledPins[i], OUTPUT);  
}  
void loop() {  
    int number = random(1,7);  
    for(int i=0;i<6;i++) digitalWrite(ledPins[i], LOW);  
    for(int i=0;i<number;i++)
```

Water Leakage & Overflow Detection IoT System

Smart water monitoring system using Arduino, sensors, alarms, and mobile alert notifications.

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Water Leakage & Overflow Detection IoT System

Smart water monitoring system using Arduino, sensors, alarms, and mobile alert notifications.

▼ ★ View Code

```
int sensor = A0;
int buzzer = 8;

void setup() {
    pinMode(buzzer, OUTPUT);
    Serial.begin(9600);
}

void loop() {
    int value = analogRead(sensor);
    if(value > 500) {
        digitalWrite(buzzer, HIGH);
        Serial.println("Water Leakage Detected!");
    } else {
        digitalWrite(buzzer, LOW);
    }
}
```

14°C Clear

Search

01-12-2025 07:47 PM

The screenshot shows a dark-themed website for "Utsav Rai". The header includes three tabs labeled "Utsav Rai Portfolio", a search bar, and a URL "127.0.0.1:5500". A navigation bar at the top right contains links to "Home", "Skills", "Projects", "LinkedIn", and "GitHub". Below the header, the main content area features a large, stylized blue "U" character. In the center, there is a "Contact Me" section. On the left side of this section, there is contact information: Name: Utsav Rai, Email: raiutsav1688@gmail.com, LinkedIn: Click Here, and GitHub: Click Here. On the right side, there is a form with input fields for "Your Name", "Your Email", and "Your Message", followed by a "Send Message" button.

Utsav Rai

• Home • Skills • Projects • LinkedIn • GitHub

Contact Me

Name: Utsav Rai
Email: raiutsav1688@gmail.com
LinkedIn: [Click Here](#)
GitHub: [Click Here](#)

Your Name

Your Email

Your Message

Send Message

14°C Clear

Search

01-12-2025 07:47 PM

File Edit Selection View Go Run Terminal Help ← → Q UTSAV PORTFOLIO

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Utsav Rai Portfolio</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>

    <!-- NAVBAR -->
    <nav class="navbar">
        <div class="logo">Utsav Rai</div>
        <ul class="nav-links">
            <li><a href="#">Home</a></li>
            <li><a href="#">Skills</a></li>
            <li><a href="#">Projects</a></li>
            <li><a href="https://www.linkedin.com/in/utsav-rai-812024217" target="_blank">LinkedIn</a></li>
            <li><a href="https://github.com/UTSAV4045" target="_blank">GitHub</a></li>
        </ul>
    </nav>

    <!-- HERO SECTION -->
    <section id="home" class="hero">
        
        <h1 class="title">Hi, I'm <span>Utsav Rai</span></h1>
        <p class="subtitle">B.Tech CSE (AI/ML) | KIET Ghaziabad</p>
        <p class="about">
            Passionate developer and keen learner in AI, IoT, and full-stack development.
            All my project details and code are shown below.
        </p>
    </section>

    <!-- SKILLS SECTION -->
    <section id="skills" class="skills">
        <h2 class="section-title">Skills</h2>
```

14°C Clear Launchpad 141 Col 1 Spaces:2 UTF-8 CRLF Port: 3000 Port: 5500 Prettier

Search

File Edit Selection View Go Run Terminal Help ↺ ↻

UTSAV PORTFOLIO

Welcome index.html # style.css

```
<html lang="en">
<body>
    <section id="skills" class="skills">
        <div class="skill-box">
            <div class="skill">HTML</div>
            <div class="skill">CSS</div>
            <div class="skill">C Language</div>
            <div class="skill">Arduino</div>
            <div class="skill">IoT Project Development</div>
            <div class="skill">Git & GitHub</div>
            <div class="skill">AI/ML Basics</div>
        </div>
    </section>

    <!-- PROJECTS SECTION -->
    <section id="projects" class="projects">
        <h2 class="section-title">My Projects</h2>

        <div class="project-card">
            <h3>Arduino-Controlled Digital Dice Roller</h3>
            <p>A digital dice roller using Arduino that generates random numbers (1-6) and displays them using LEDs.</p>
            <details>
                <summary>★ View Code</summary>
                <pre>
int ledPins[] = {2,3,4,5,6,7};
void setup() {
    for(int i=0;i<6;i++) pinMode(ledPins[i], OUTPUT);
}
void loop() {
    int number = random(1,7);
    for(int i=0;i<6;i++) digitalWrite(ledPins[i], LOW);
    for(int i=0;i<number;i++) digitalWrite(ledPins[i], HIGH);
                </pre>
        
```

Launchpad 14°C Clear 141, Col 1 Spaces: 2 UTF-8 CRLF HTML Port: 3000 Port: 5500 Prettier

Search

14°C Clear 01-12-2025 07:47 PM

The screenshot shows a code editor interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Title Bar:** UTSAV PORTFOLIO.
- Toolbar:** Includes icons for Welcome, index.html, style.css, and other development tools.
- Code Area:** Displays an HTML file structure and a C++ code block.

```
<html lang="en">
<body>
    <section id="projects" class="projects">
        <div class="project-card">
            <details>
                <pre>
delay(1000);
}
                </pre>
            </details>
        </div>
        <div class="project-card">
            <h3>Water Leakage & Overflow Detection IoT System</h3>
            <p>
                Smart water monitoring system using Arduino, sensors, alarms, and mobile alert notifications.
            </p>
            <details>
                <summary>★ View Code</summary>
                <pre>
int sensor = A0;
int buzzer = 8;

void setup() {
    pinMode(buzzer, OUTPUT);
    serial.begin(9600);
}

void loop() {
    int value = analogRead(sensor);
    if(value > 500) {
        digitalWrite(buzzer, HIGH);
        Serial.println("Water Leakage Detected!");
    } else {
        digitalWrite(buzzer, LOW);
    }
}
                </pre>
            </details>
        </div>
    </section>
</body>
</html>
```
- Right Panel:** Shows a sidebar with navigation links like Home, Portfolio, Projects, About, Contact, and Log Out, along with a search bar and a small image.
- Bottom Bar:** Includes system status (14°C), a Launchpad icon, and various system icons (File Explorer, Task View, Taskbar, etc.).
- Bottom Right:** Includes system status (14°C), a Launchpad icon, and various system icons (File Explorer, Task View, Taskbar, etc.).

File Edit Selection View Go Run Terminal Help

UTSAV PORTFOLIO

```
index.html
  2  <html lang="en">
  3    <body>
  4      <section id="projects" class="projects">
  5        <div class="project-card">
  6          <details>
  7            <pre>...</pre>
  8          </details>
  9        </div>
 10      </section>
 11      <!-- CONTACT SECTION -->
 12      <section id="contact" class="contact">
 13        <h2 class="section-title">Contact Me</h2>
 14
 15        <div class="contact-container">
 16
 17          <div class="contact-info">
 18            <p><strong>Name:</strong> Utsav Rai</p>
 19            <p><strong>Email:</strong> <a href="mailto:raiutsav1688@gmail.com">raiutsav1688@gmail.com</a></p>
 20            <p><strong>LinkedIn:</strong>
 21            | <a href="https://www.linkedin.com/in/utsav-rai-812924217" target="_blank">Click Here</a>
 22          </p>
 23          <p><strong>GitHub:</strong>
 24          | <a href="https://github.com/UTSAV4045" target="_blank">Click Here</a>
 25        </p>
 26      </div>
 27
 28      <form class="contact-form">
 29        <input type="text" placeholder="Your Name" required>
 30        <input type="email" placeholder="Your Email" required>
 31        <textarea placeholder="Your Message" required></textarea>
 32        <button type="submit">Send Message</button>
 33      </form>
 34
```

14°C Clear

Launchpad

In 141, Col 1 Spaces: 2 UTF-8 CRLF HTML Port: 3000 Port: 5500 Prettier

Search

01-12-2025 07:47 PM

File Edit Selection View Go Run Terminal Help ↶ ↷

UTSAV PORTFOLIO

Welcome index.html # style.css

```
index.html > ...
2  <html lang="en">
9   <body>
112  <section id="contact" class="contact">
115   <div class="contact-container">
117     <div class="contact-info">
118       <p><strong>Name:</strong> Utsav Rai</p>
119       <p><strong>Email:</strong> raiutsav1688@gmail.com</p>
120       <p><strong>LinkedIn:</strong>
121         | <a href="https://www.linkedin.com/in/utsav-rai-812024217" target="_blank">Click Here</a>
122       </p>
123       <p><strong>GitHub:</strong>
124         | <a href="https://github.com/UTSAV4045" target="_blank">Click Here</a>
125       </p>
126     </div>
127
128     <form class="contact-form">
129       <input type="text" placeholder="Your Name" required>
130       <input type="email" placeholder="Your Email" required>
131       <textarea placeholder="Your Message" required></textarea>
132       <button type="submit">Send Message</button>
133     </form>
134
135   </div>
136 </section>
137
138
139 </body>
140 </html>
```

Ln 141, Col 1 Spaces: 2 UTF-8 CRLF ⚡ HTML 🌐 Port: 3000 ✘ Port : 5500 ✅ Prettier

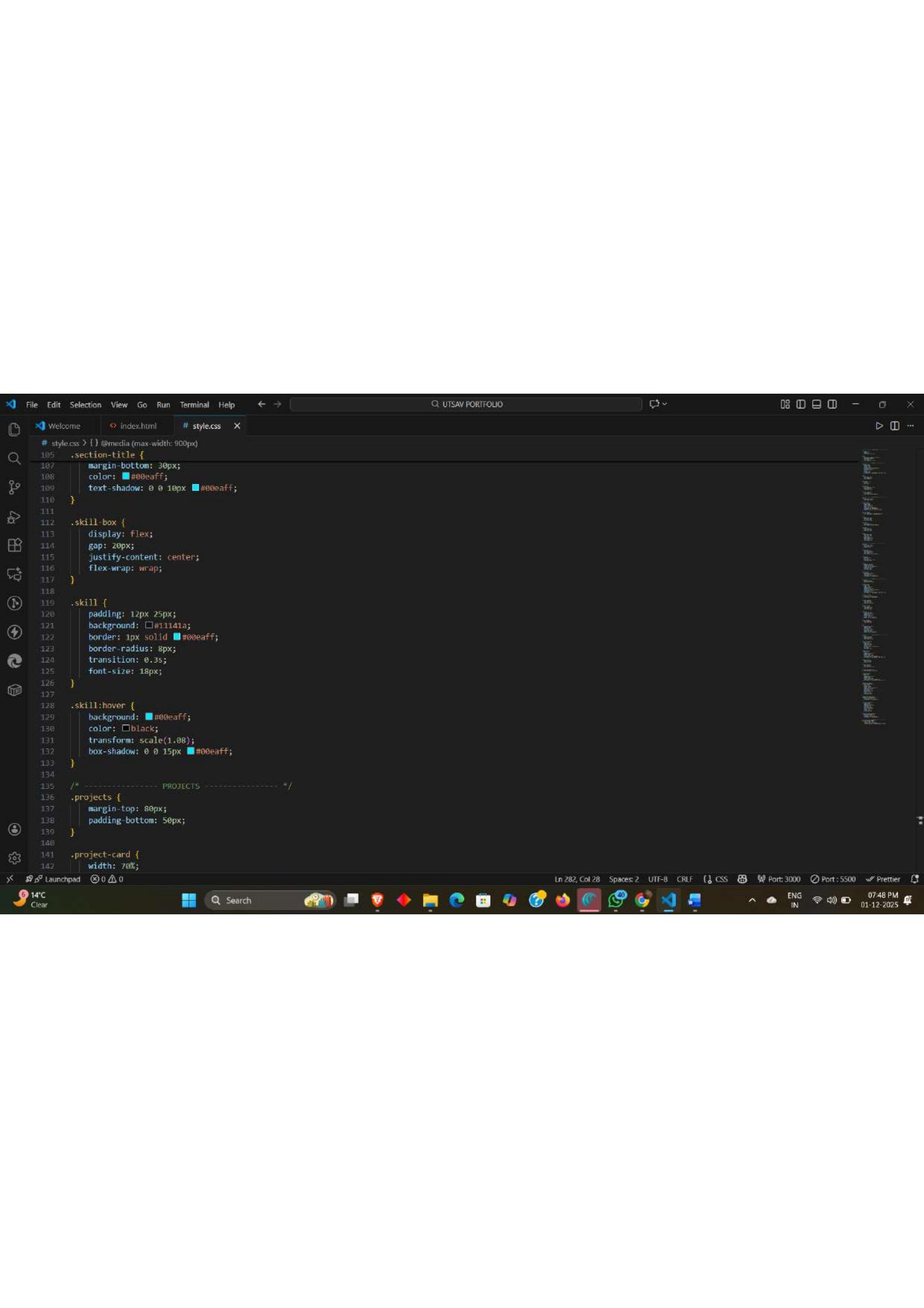
14°C Clear

```
# style.css > {} @media (max-width: 900px){  
    * {  
        margin: 0;  
        padding: 0;  
        box-sizing: border-box;  
    }  
    body {  
        font-family: Poppins, sans-serif;  
        background: #d0f1a1;  
        color: white;  
        scroll-behavior: smooth;  
    }  
    /* ----- NAVBAR ----- */  
    .navbar {  
        width: 100%;  
        padding: 20px;  
        display: flex;  
        justify-content: space-between;  
        background: #11141a;  
        position: fixed;  
        top: 0;  
        z-index: 100;  
        box-shadow: 0 0 15px rgba(0, 238, 255, 0.15);  
    }  
    .logo {  
        font-size: 22px;  
        font-weight: bold;  
        color: #00eaff;  
    }  
    .nav-links {  
        display: flex;  
        gap: 20px;  
    }  
}  
Ln 282, Col 28 Spaces: 2 UTF-8 CRLF 1 CSS Port: 3000 Port: 5500 Prettier  
14°C Clear
```


The screenshot shows a dark-themed code editor interface with a left sidebar containing various icons for file operations like New, Open, Save, Find, Replace, and Preferences. The main workspace displays a CSS file named 'style.css'. The code is as follows:

```
# style.css > {} @media (max-width: 900px){.title {    margin-bottom: 20px;    font-size: 40px;    font-weight: 600;}.title span {    color: #00eaff;    text-shadow: 0 0 10px #00eaff;}.subtitle {    color: #d4d4d4;    margin-top: 10px;    font-size: 18px;}.about {    margin-top: 20px;    font-size: 18px;    width: 60%;    margin-left: auto;    margin-right: auto;    color: #c7c7c7;    line-height: 1.6;}./* ----- SKILLS ----- */.skills {    margin-top: 80px;    text-align: center;    padding: 20px;}.section-title {    font-size: 32px;    margin-bottom: 30px;}}
```

The status bar at the bottom indicates the following details: Line 282, Column 28, Spaces 2, UTF-8, CRLF, 1 CSS, Port 3000, Port 5500, and Prettier. The system tray shows the date and time as 01-12-2025, 07:48 PM, and a battery level of 14%.



```
# style.css > () @media (max-width: 900px)
105 .section-title {
106     margin-bottom: 30px;
107     color: #00eaff;
108     text-shadow: 0 0 10px #00eaff;
109 }
110 }

111 .skill-box {
112     display: flex;
113     gap: 20px;
114     justify-content: center;
115     flex-wrap: wrap;
116 }
117 }

118 .skill {
119     padding: 12px 25px;
120     background: #11141a;
121     border: 1px solid #00eaff;
122     border-radius: 8px;
123     transition: 0.3s;
124     font-size: 18px;
125 }
126 }

127 .skill:hover {
128     background: #00eaff;
129     color: black;
130     transform: scale(1.08);
131     box-shadow: 0 0 15px #00eaff;
132 }
133 }

134 /* ----- PROJECTS ----- */
135 .projects {
136     margin-top: 80px;
137     padding-bottom: 50px;
138 }
139 }

140 .project-card {
141     width: 70%;
142 }
```

```
# style.css > {} @media (max-width: 900px){141    .project-card {142        width: 70%;143        margin: 25px auto;144        padding: 25px;145        background: #11141a;146        border-left: 4px solid #00eaff;147        border-radius: 10px;148        transition: 0.3s;149        box-shadow: 0 0 15px rgba(0, 238, 255, 0.15);150    }151152    .project-card:hover {153        transform: translateY(-5px);154        box-shadow: 0 0 25px #00eaff;155    }156157    .project-card h3 {158        color: #00eaff;159        font-size: 24px;160        margin-bottom: 10px;161    }162163    .project-card p {164        color: #c7c7c7;165        line-height: 1.6;166        font-size: 16px;167    }168169    details {170        margin-top: 15px;171        background: #0c0f13;172        padding: 12px;173        border-radius: 5px;174        cursor: pointer;175        border: 1px solid #00eaff;176    }177}
```

File Edit Selection View Go Run Terminal Help ↶ ↷

UTSAV PORTFOLIO

Welcome index.html style.css

```
# style.css > {} @media (max-width: 900px){    details{        color: #00eaff;        font-size: 18px;    }    pre{        background: black;        padding: 12px;        color: #00ffea;        overflow-x: auto;        border-radius: 5px;        margin-top: 12px;        border: 1px solid #00eaff;    }/* ----- CONTACT SECTION ----- */.contact{    margin-top: 80px;    padding: 50px 0;    text-align: center;}.contact-container{    width: 80%;    margin: 0 auto;    margin-top: 30px;    display: flex;    justify-content: space-between;    gap: 40px;    flex-wrap: wrap;}.contact-info{    flex: 1;    background-color: #f0f0f0;    padding: 10px;    border-radius: 5px;    margin-bottom: 10px;    border: 1px solid #ccc;    width: 100%;    height: 150px;    position: relative;    overflow: hidden;    transition: transform 0.3s ease;}.contact-info::before{    content: "Edit";    position: absolute;    top: 10px;    right: 10px;    background-color: #00eaff;    color: white;    padding: 5px 10px;    border-radius: 5px;    font-weight: bold;    font-size: 12px;    transform: rotate(-45deg);}
```

14°C Clear

Launchpad

14°C Clear

Search

File Edit Selection View Go Run Terminal Help ↶ ↷

UTSAV PORTFOLIO

>Welcome index.html style.css

```
# style.css > {} @media (max-width: 900px){    details{        color: #00eaff;        font-size: 18px;    }    pre{        background: black;        padding: 12px;        color: #00ffea;        overflow-x: auto;        border-radius: 5px;        margin-top: 12px;        border: 1px solid #00eaff;    }/* ----- CONTACT SECTION ----- */.contact{    margin-top: 80px;    padding: 50px 0;    text-align: center;}.contact-container{    width: 80%;    margin: 0 auto;    margin-top: 30px;    display: flex;    justify-content: space-between;    gap: 40px;    flex-wrap: wrap;}.contact-info{    flex: 1;    background-color: #f0f0f0;    padding: 10px;    border-radius: 5px;    margin-bottom: 10px;    border: 1px solid #ccc;    width: 100%;    height: 150px;    position: relative;    overflow: hidden;    transition: transform 0.3s ease;}.contact-info::before{    content: "Edit";    position: absolute;    top: 10px;    right: 10px;    background-color: #00eaff;    color: white;    padding: 5px 10px;    border-radius: 5px;    font-weight: bold;    font-size: 12px;    transform: rotate(-45deg);}
```

In 282, Col 28 Spaces: 2 UTF-8 CRLF CSS Port: 3000 Port: 5500 Prettier

01-12-2025 07:48 PM

```
# style.css > {} @media (max-width: 900px){200 .contact-container {201   flex-wrap: wrap;202 }203 204 .contact-info {205   flex: 1;206   background: #11141a;207   padding: 20px;208   border-radius: 10px;209   border-left: 4px solid #00eaff;210   box-shadow: 0 0 15px rgba(0, 238, 255, 0.3);211 }212 213 .contact-info p {214   font-size: 18px;215   margin: 10px 0;216 }217 218 .contact-info a {219   color: #00eaff;220   text-decoration: none;221 }222 223 .contact-info a:hover {224   text-decoration: underline;225 }226 227 /* CONTACT FORM */228 .contact-form {229   flex: 1;230   background: #11141a;231   padding: 20px;232   border-radius: 10px;233   border-right: 4px solid #00eaff;234   box-shadow: 0 0 15px rgba(0, 238, 255, 0.3);235 }236 237 238 239 240 241 }
```

```
# style.css > {} @media (max-width: 900px){.contact-form{.contact-form input,.contact-form textarea{width: 100%;padding: 12px;margin: 10px 0;border: 1px solid #00eaff;background: #fff;color: #333;border-radius: 5px;outline: none;font-size: 16px;transition: 0.3s;}.contact-form input:focus,.contact-form textarea:focus{border-color: #00ffff;box-shadow: 0 0 10px #00eaff;}.contact-form button{width: 100%;padding: 12px;background: #00eaff;color: #fff;font-size: 18px;border-radius: 8px;outline: none;cursor: pointer;transition: 0.3s;}.contact-form button:hover{background: #00eaff;outline: 2px solid #00eaff;}}}
```

```
# style.css > {} @media (max-width: 900px) {  
258 .contact-form textarea:focus {  
261 }  
262  
263 .contact-form button {  
264 width: 100%;  
265 padding: 12px;  
266 background: #00eaff;  
267 color: black;  
268 font-size: 18px;  
269 border-radius: 8px;  
270 border: none;  
271 cursor: pointer;  
272 transition: 0.3s;  
273 }  
274  
275 .contact-form button:hover {  
276 background: #00ffff;  
277 transform: scale(1.05);  
278 box-shadow: 0 0 15px #00ffff;  
279 }  
280  
281 /* ----- RESPONSIVE ----- */  
282 @media (max-width: 900px) {}  
283 .about { width: 96%; }  
284 .project-card { width: 96%; }  
285 .contact-container { flex-direction: column; }  
286 }  
287 }
```