

SKILL VISTAAR CODE

APP.py

```
from flask import Flask, render_template, request, jsonify

app = Flask(__name__)

@app.route('/')
def home():
    return render_template('index.html')

@app.route('/skill-gap')
def skill_gap():
    return render_template('skill_gap.html')

@app.route('/career-guidance')
def career_guidance():
    return render_template('career_guidance.html')

@app.route('/salary-forecasting')
def salary_forecasting():
    return render_template('salary_forecasting.html')

@app.route('/mentorship')
def mentorship():
    return render_template('mentorship.html')

@app.route('/networking')
def networking():
    return render_template('networking.html')

@app.route('/login')
def login():
    return render_template('login.html')

@app.route('/analyze_skill_gap', methods=['POST'])
```

```

def analyze_skill_gap():
    data = request.get_json()
    company = data['company']
    position = data['position']
    current_skills = [skill.strip().lower() for skill in data['skills'].split(',')]

    # Example: Logic for mock required skills for a position
    job_requirements = {
        "software engineer": ["python", "data structures", "algorithms", "git", "clojure"],
        "data scientist": ["python", "machine learning", "statistics", "data visualization"],
        "web developer": ["html", "css", "javascript", "react", "node.js", "git"]
    }

    role = position.lower()
    required_skills = job_requirements.get(role, ["communication", "teamwork", "problem solving"])

    # Calculate missing skills
    missing_skills = [skill for skill in required_skills if skill not in current_skills]

    return jsonify({"skills": missing_skills})

if __name__ == '__main__':
    app.run(debug=True)

```

LOGIN.css

```

@import url("https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700;800;900&display=block");

* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: "Poppins", sans-serif;
}

.navbar {
    background: linear-gradient(#00A859, white);
}

```

```

    color: white;
    padding: 2rem 2rem; /* Adjusted padding */
    display: flex;
    align-items: center;
    box-sizing: border-box;
    width: 100%;
    position: fixed; /* Fixed positioning */
    top: 0;          /* Stick to the top */
    left: 0;         /* Stick to the left */
    margin: 0;
    z-index: 1000;   /* Ensure it's above other elements */
}

footer {
    background: linear-gradient(to top, #1A3A6C, white);
    color: white;
    text-align: center;
    padding: 3rem 2rem; /* Adjusted padding */
    width: 100%;
    position: fixed; /* Fixed positioning */
    bottom: 0;       /* Stick to the bottom */
    left: 0;         /* Stick to the left */
    margin: 0;
    z-index: 1000;   /* Ensure it's above other elements */
}

.circle-container {
    display: inline-flex;
    align-items: center;
    justify-content: center;
    width: 50px;
    height: 50px;
    border-radius: 50%;
    border: 2px solid black;
    background-color: white;
    margin-right: 1rem;
}

```

```
.circle-container a {
  text-decoration: none;
}

body {
  display: flex;
  justify-content: center;
  align-items: center;
  min-height: 100vh;
  flex-direction: column;
  background: white;
  padding-top: 60px;
  padding-bottom: 60px;
}

.box {
  position: relative;
  width: 380px;
  height: 420px;
  background: #f5f5f5;
  border-radius: 8px;
  overflow: hidden;
}

.box::before {
  content: "";
  z-index: 1;
  position: absolute;
  top: -50%;
  left: -50%;
  width: 380px;
  height: 420px;
  transform-origin: bottom right;
  background: linear-gradient(0deg, transparent, #00A859, #00A859);
  animation: animate 6s linear infinite;
}

.box::after {
  content: "";
  z-index: 1;
```

```

position: absolute;
top: -50%;
left: -50%;
width: 380px;
height: 420px;
transform-origin: bottom right;
background: linear-gradient(0deg, transparent, #1A3A6C, #1A3A6C);
animation: animate 6s linear infinite;
animation-delay: -3s;
}
@keyframes animate {
  0% {
    transform: rotate(0deg);
  }
  100% {
    transform: rotate(360deg);
  }
}
form {
  position: absolute;
  inset: 2px;
  background: rgb(226, 228, 232);
  padding: 50px 40px;
  border-radius: 8px;
  z-index: 2;
  display: flex;
  flex-direction: column;
}
h2 {
  color: #00A859;
  font-weight: 500;
  text-align: center;
  letter-spacing: 0.1em;
}
.inputBox {
  position: relative;
  width: 300px;
  margin-top: 35px;

```

```

}
.inputBox input {
  position: relative;
  width: 100%;
  padding: 20px 10px 10px;
  background: transparent;
  outline: none;
  box-shadow: none;
  border: none;
  color: #f5f5f5;
  font-size: 1em;
  letter-spacing: 0.05em;
  transition: 0.5s;
  z-index: 10;
}
.inputBox span {
  position: absolute;
  left: 0;
  padding: 20px 0px 10px;
  pointer-events: none;
  font-size: 1em;
  color: rgb(35, 100, 40);
  letter-spacing: 0.05em;
  transition: 0.5s;
}
.inputBox input:valid ~ span,
.inputBox input:focus ~ span {
  color: #00A859;
  transform: translateX(0px) translateY(-34px);
  font-size: .7em;
}
.inputBox i {
  position: absolute;
  left: 0;
  bottom: 0;
  width: 100%;
  height: 2px;
  background: #00A859;
}

```

```
border-radius: 4px;
overflow: hidden;
transition: 0.5s;
pointer-events: none;
z-index: 9;
}
.inputBox input:valid ~ i,
.inputBox input:focus ~ i {
  height: 44px;
}
.links {
  display: flex;
  justify-content: space-between;
}
.links a {
  margin: 10px 0;
  font-size: 0.75em;
  color: black;
  text-decoration: beige;
}
.links a:hover,
.links a:nth-child(2) {
  color: black;
}
input[type="submit"] {
  border: none;
  outline: none;
  padding: 11px 25px;
  background: #00A859;
  cursor: pointer;
  border-radius: 4px;
  font-weight: 600;
  width: 100px;
  margin-top: 10px;
}
input[type="submit"]:active {
  opacity: 0.8;
}
```

Mentorship.css

```
body {  
  font-family: Arial, sans-serif;  
  margin: 0;  
  padding: 0;  
  background-color: #f9f9f9;  
  text-align: center;  
}  
  
.container {  
  display: flex;  
  flex-wrap: wrap;  
  justify-content: center;  
  gap: 20px;  
  padding: 40px;  
}  
  
.mentor-card {  
  background: #fff;  
  width: 300px;  
  border-radius: 10px;  
  box-shadow: 0px 4px 8px rgba(0, 0, 0, 0.2);  
  overflow: hidden;  
  text-align: center;  
  transition: transform 0.3s ease, box-shadow 0.3s ease;  
}  
  
.mentor-card:hover {  
  transform: translateY(-8px);  
  box-shadow: 0px 8px 20px rgba(0, 0, 0, 0.3);  
}  
  
.mentor-card img {  
  width: 100%;  
  height: 200px;  
}
```



```
    object-fit: cover;
  }

.mentor-card h3 {
  margin: 10px 0 5px;
  color: #1A3A6C;
}

.mentor-card p {
  font-size: 14px;
  color: #555;
  padding: 0 15px 15px;
}

.mentor-card .btn {
  display: block;
  margin: 10px ;
  padding: 8px 20px;
  background: #00A859;
  color: white;
  text-decoration: none;
  border-radius: 12px;
  font-size: 14px;
  transition: 0.3s;
  transition: background 0.3s ease, transform 0.2s ease;
}

.mentor-card .btn:hover {
  background: #008748;
  transform: scale(1.05);
}
```

Style.css

```
/* style.css */

body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  background-color: #dcc2c2;
  color: #1A3A6C;
}

.logo {
  font-size: 3rem;
  font-weight: bold;
}

.navbar {
  background-color: #00A859;
  color: white;
  padding: 1rem 2rem;
  display: flex;
  align-items: center;
}

.navbar a {
  text-decoration: none;
  color: #ffffff;
  font-family: Arial, Helvetica, sans-serif;
}

.logo {
  font-size: 2rem;
  font-weight: bold;
  flex-grow: 1;
  text-align: center;
}

.menu-icon {
  font-size: 2rem;
  cursor: pointer;
}
```

```
.nav-links {  
  list-style: none;  
  display: flex;  
  gap: 1rem;  
}  
  
.nav-links a {  
  color: white;  
  text-decoration: none;  
  font-weight: bold;  
}  
  
.nav-links a:hover {  
  text-decoration: underline;  
}  
  
.section {  
  padding: 4rem 2rem;  
  text-align: center;  
  background-color: white;  
  margin: 1rem;  
  border-radius: 8px;  
  box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);  
}  
  
footer {  
  background-color: #1A3A6C;  
  color: white;  
  text-align: center;  
  padding-bottom: 1rem;  
  width: 100%;  
  border: none;  
  margin: 0;  
}  
  
.nav1 {  
  background: linear-gradient(to bottom, #00A859, #ffffff);  
}
```

```

    height: 100px;
    margin: 0;
    padding: 0;
}

.footer-gradient {
    background: linear-gradient(to top, #1A3A6C, #ffffff);
    height: 100px;
    width: 100%;
    margin: 0;
    padding: 0;
}

/* This is For Sidebar*/
.sidebar {
    height: 100%;
    width: 0;
    position: fixed;
    top: 0;
    left: 0;
    background-color: #164288;
    overflow-x: hidden;
    transition: 0.3s;
    padding-top: 60px;
    border-top-right-radius: 20px;
    border-bottom-right-radius: 20px;
    border-color: black;
    border-width: 100px;
}

.sidebar a {
    padding: 15px 20px;
    text-decoration: none;
    font-size: 18px;
    color: white;
    display: flex;
    justify-content: space-between;
    align-items: center;
    transition: background 0.3s;

```

```

}

.sidebar a:not(.close-btn)::after {
  content: '➤';
  font-weight: bold;
  margin-left: 10px;
  color: white;
  padding: 0;
}

.sidebar a:hover {
  background-color: #00A859;
  color: white;
}

.close-btn {
  position: absolute;
  top: 10px;
  right: 20px;
  font-size: 5px;
  cursor: pointer;
  padding: 0;
}

.content {
  display: flex;
  justify-content: center;
  align-items: center;
  height: calc(56vh - 70px);
  background-color: #ffffff;
  text-align: center;
  padding: 20px;
}

.content h1 {
  font-size: 3rem;
  color: #1A3A6C;
}

```

Webpages.css

```
body, html {  
  font-family: Arial, sans-serif;  
  margin: 0;  
  padding: 0;  
  width: 100%;  
  background-color: #f4f4f4;  
  color: #1A3A6C;  
  /*overflow-x: auto;*/  
  overflow-x: hidden;  
}  
  
.logo {  
  font-size: 3rem;  
  font-weight: bold;  
  position: absolute;  
  left: 90px;  
}  
  
.navbar {  
  background: linear-gradient(#00A859, #f5f4f5);  
  color: white;  
  padding: 3rem 2rem;  
  display: flex;  
  align-items: center;  
  box-sizing: border-box;  
}  
  
footer {  
  background: linear-gradient(to top, #1A3A6C, #f5f4f5);  
  color: white;  
  text-align: center;  
  padding: 3rem 2rem;  
  width: 100%;  
  border: none;
```

```
margin: 0;
}

.content {
  display: flex;
  justify-content: center;
  align-items: center;
  height: calc(57.6vh - 1px); /* Full viewport height minus navbar */
  background-color: #f4f4f4;
  text-align: center;
  padding: 10px;
  box-sizing: border-box;
}

.content h1 {
  font-size: 3rem;
  color: #1A3A6C;
  margin-bottom: 10px;
}

.content p {
  font-size: 1.2rem;
  color: #1A3A6C;
  max-width: 80%;
}

.menu-icon {
  font-size: 2rem;
  cursor: pointer;
}

.sidebar {
  height: 100%;
  width: 0;
  position: fixed;
  top: 0;
  left: 0;
  background-color: #1A3A6C;
```

```
overflow-x: hidden;
transition: 0.3s;
padding-top: 60px;
border-top-right-radius: 20px;
border-bottom-right-radius: 20px;
}

.sidebar a {
padding: 15px 20px;
text-decoration: none;
font-size: 18px;
color: white;
display: flex;
justify-content: space-between;
align-items: center;
transition: background 0.3s;
}

.sidebar a:not(.close-btn)::after {
content: '►';
font-weight: bold;
margin-left: 10px;
color: white;
}

.sidebar a:hover {
background-color: #00A859;
}

.close-btn {
position: absolute;
top: 10px;
right: 20px;
font-size: 22px;
cursor: pointer;
}
```


Career_guidance.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Personalized Career Guidance</title>
  <link rel="stylesheet" href="{{ url_for('static', filename='webpages.css') }}">
  <style>
    .quiz-container {
      background: white;
      padding: 30px;
      border-radius: 8px;
      max-width: 800px;
      margin: 40px auto;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }

    h2 {
      text-align: center;
      margin-bottom: 20px;
      color: #1A3A6C;
    }

    .question {
      margin-bottom: 20px;
      position: relative;
    }

    label {
      display: block;
      margin: 8px 0;
    }

    button {
      padding: 10px 20px;
      font-size: 16px;
      background-color: #00A859;
```

```

        color: white;
        border: none;
        border-radius: 5px;
        cursor: pointer;
    }

    .clear-button {
        padding: 5px 8px;
        font-size: 10px;
        background-color: #ddd;
        color: #333;
        border: none;
        border-radius: 3px;
        cursor: pointer;
        position: absolute;
        right: 0;
        top: 0;
    }

    #result {
        margin-top: 30px;
        font-size: 20px;
        font-weight: bold;
        color: #007bff;
        text-align: center;
    }
</style>
</head>
<body>
    <header>
        <nav class="navbar">
            <span class="menu-icon" onclick="openSidebar()">&#9776;</span>
            <a href="{ { url_for('home') } }" class="logo">SKILL VISTAAR</a>
        </nav>
    </header>

    <div id="sidebar" class="sidebar">
        <a href="javascript:void(0)" class="close-btn" onclick="closeSidebar()">

```

```

<a href="{{ url_for('career_guidance') }}">Personalized Career Guidance
<a href="{{ url_for('skill_gap') }}">Skill Gap Analysis</a>
<a href="{{ url_for('salary_forecasting') }}">Salary Forecasting</a>
<a href="{{ url_for('mentorship') }}">Mentorship Program</a>
<a href="{{ url_for('networking') }}">Networking Opportunities</a>
</div>

<div class="quiz-container">
  <h2>Career Interest Quiz</h2>
  <form id="quizForm">

    <div class="question">
      <p>1. What do you enjoy the most?</p>
      <label><input type="radio" name="q1" value="creative"> Designing
      <label><input type="radio" name="q1" value="technical"> Solving t
      <label><input type="radio" name="q1" value="analytical"> Analyzin
      <label><input type="radio" name="q1" value="social"> Helping othe
      <button type="button" class="clear-button" onclick="clearRadio('q1
    </div>

    <div class="question">
      <p>2. Which task sounds most exciting?</p>
      <label><input type="radio" name="q2" value="technical"> Building
      <label><input type="radio" name="q2" value="social"> Teaching a
      <label><input type="radio" name="q2" value="analytical"> Studying
      <label><input type="radio" name="q2" value="creative"> Writing a
      <button type="button" class="clear-button" onclick="clearRadio('q2
    </div>

    <div class="question">
      <p>3. Which subject do you prefer?</p>
      <label><input type="radio" name="q3" value="creative"> Art / Liter
      <label><input type="radio" name="q3" value="technical"> Comput
      <label><input type="radio" name="q3" value="analytical"> Mathem
      <label><input type="radio" name="q3" value="social"> Psychology
      <button type="button" class="clear-button" onclick="clearRadio('q3
    </div>

```

```

<div class="question">
  <p>4. How do you solve problems?</p>
  <label><input type="radio" name="q4" value="creative"> Think out
  <label><input type="radio" name="q4" value="technical"> Use tech
  <label><input type="radio" name="q4" value="analytical"> Break in
  <label><input type="radio" name="q4" value="social"> Ask people
  <button type="button" class="clear-button" onclick="clearRadio('q4
</div>

<div class="question">
  <p>5. What's your dream work environment?</p>
  <label><input type="radio" name="q5" value="creative"> Studio or
  <label><input type="radio" name="q5" value="technical"> Tech co
  <label><input type="radio" name="q5" value="analytical"> Research
  <label><input type="radio" name="q5" value="social"> Social or co
  <button type="button" class="clear-button" onclick="clearRadio('q5
</div>

  <button type="button" onclick="calculateResult()">Submit</button>
</form>

<div id="result"></div>
</div>

<footer>
  <div class="footer-gradient"></div>
  <p>&copy; 2025 Skill Vistaar. All rights reserved.</p>
</footer>

<script>
  function clearRadio(name) {
    const radios = document.getElementsByName(name);
    for (let i = 0; i < radios.length; i++) {
      radios[i].checked = false;
    }
  }

  function openSidebar() {

```

```

document.getElementById("sidebar").style.width = "250px";
}

function closeSidebar() {
  document.getElementById("sidebar").style.width = "0";
}

function calculateResult() {
  const form = document.forms['quizForm'];
  const values = ['q1', 'q2', 'q3', 'q4', 'q5'].map(q => {
    const radios = form[q];
    if (!radios) return undefined;
    for (let i = 0; i < radios.length; i++) {
      if (radios[i].checked) return radios[i].value;
    }
    return undefined;
  });

  if (values.includes(undefined)) {
    alert("Please answer all questions!");
    return;
  }

  const scores = { creative: 0, technical: 0, analytical: 0, social: 0 };
  values.forEach(value => scores[value]++);

  const topTrait = Object.keys(scores).reduce((a, b) => scores[a] > scores[b] ? a : b);

  const careers = {
    creative: "UI/UX Designer, Content Creator, Graphic Artist",
    technical: "Software Developer, System Engineer, App Developer",
    analytical: "Data Analyst, Financial Analyst, Statistician",
    social: "Teacher, Psychologist, HR Professional"
  };

  document.getElementById("result").innerHTML =
    `✔ Based on your answers, we recommend: <br><br><strong>${careers[topTrait]}</strong>`;
}

```

```
</script>
</body>
</html>
```

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Skill Vistaar</title>
  <link rel="stylesheet" href="{{ url_for('static', filename='style.css') }}">

</head>
<body>
  <header>
    <nav class="navbar">
      <span class="menu-icon" onclick="openSidebar()">&#9776;</span>
      <div class="logo">SKILL VISTAAR</div>
      <a href="{{ url_for('login') }}">LOGIN</a>
    </nav>
    <div class="nav1"></div>
  </header>

  <div id="sidebar" class="sidebar">
    <a href="javascript:void(0)" class="close-btn" onclick="closeSidebar()">
    <a href="{{ url_for('career_guidance') }}">Personalized Career Guidance
    <a href="{{ url_for('skill_gap') }}">Skill Gap Analysis</a>
    <a href="{{ url_for('salary_forecasting') }}">Salary Forecasting</a>
    <a href="{{ url_for('mentorship') }}">Mentorship Program</a>
    <a href="{{ url_for('networking') }}">Networking Opportunities</a>
  </div>
  <div class="content">
    <h1>Welcome to Skill Vistaar</h1>
```

```

</div>

<footer>
  <div class="footer-gradient"></div>
  <p>&copy; 2025 Skill Vistaar. All rights reserved.</p>
</footer>
<script src="{{ url_for('static', filename='script.js') }}"></script>
</body>
</html>

```

Login.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Personalized Career Guidance</title>
  <link rel="stylesheet" href="{{ url_for('static', filename='login.css') }}">
</head>
<body>
  <div class="navbar">
    <div class="circle-container">
      <a href="{{ url_for('home') }}" style="font-size: 2em;"><</a>
    </div>
  </div>

  <div class="box">
    <form autocomplete="off">
      <h2>Sign in</h2>
      <div class="inputBox">
        <input type="text" required="required">
        <span>Username</span>
        <i></i>
      </div>
      <div class="inputBox">
        <input type="password" required="required">

```

```

        <span>Password</span>
        <i></i>
    </div>
    <div class="links">
        <a href="#">Forgot Password ?</a>
        <a href="#">Signup</a>
    </div>
    <input type="submit" value="Login">
</form>
</div>

<footer>
    <div class="footer-gradient"></div>
    <p></p>
</footer>
</body>

</html>

```

Mentorship.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Mentorship Program</title>
    <link rel="stylesheet" href="{{ url_for('static', filename='webpages.css') }}">
    <link rel="stylesheet" href="{{ url_for('static', filename='mentorship.css') }}">
</head>
<body>
    <header>
        <nav class="navbar">
            <span class="menu-icon" onclick="openSidebar()">&#9776;</span>
            <a href="{{ url_for('home') }}" class="logo">SKILL VISTAAR</a>
        </nav>
    </header>

```



```

<div id="sidebar" class="sidebar">
  <a href="javascript:void(0)" class="close-btn" onclick="closeSidebar()">
  <a href="{{ url_for('career_guidance') }}">Personalized Career Guidance
  <a href="{{ url_for('skill_gap') }}">Skill Gap Analysis</a>
  <a href="{{ url_for('salary_forecasting') }}">Salary Forecasting</a>
  <a href="{{ url_for('mentorship') }}">Mentorship Program</a>
  <a href="{{ url_for('networking') }}">Networking Opportunities</a>
</div>

```

```

<h1>Meet Our Mentors</h1>

```

```

<div class="container">
  <div class="mentor-card">
    
    <h3>Elon Musk</h3>
    <p>Industrial engineer, Entrepreneur,co-founder PayPal, Found SpaceX</p>
    <a href="https://en.wikipedia.org/wiki/Elon_Musk" class="btn" target="_blank">
  </div>

```

```

<div class="mentor-card">
  
  <h3>Bill Gates</h3>
  <p>Prominent American businessman, and computer programming expert</p>
  <a href="https://en.wikipedia.org/wiki/Bill_Gates" class="btn" target="_blank">
</div>

```

```

<div class="mentor-card">
  
  <h3>Jeff Bezos</h3>
  <p>American entrepreneur and investor, best known as the founder, ex</p>
  <a href="https://en.wikipedia.org/wiki/Jeff_Bezos" class="btn" target="_blank">
</div>

```

```

<div class="mentor-card">
  
  <h3>Mukesh Ambani</h3>
  <p>Indian businessman and the chairman and managing director of Reliance</p>
  <a href="https://en.wikipedia.org/wiki/Mukesh_Ambani" class="btn" target="_blank">

```

```

</div>

<div class="mentor-card">
  
  <h3>Sundar Pichai</h3>
  <p>Indian-American business executive, is the CEO of Alphabet Inc. and Google Inc. He is also the co-founder of the company.</p>
  <a href="https://en.wikipedia.org/wiki/Sundar_Pichai" class="btn" target="_blank">Learn More</a>
</div>
</div>

<script>
function openSidebar() {
  document.getElementById("sidebar").style.width = "250px";
}

function closeSidebar() {
  document.getElementById("sidebar").style.width = "0";
}
</script>

<footer>
  <div class="footer-gradient"></div>
  <p>&copy; 2025 Skill Vistaar. All rights reserved.</p>
</footer>
</body>
</html>

```

Networking.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Networking Opportunities</title>
  <link rel="stylesheet" href="{{ url_for('static', filename='webpages.css') }}" />
</head>

```

```

<body>

  <header>
    <nav class="navbar">
      <span class="menu-icon" onclick="openSidebar()">&#9776;</span>
      <a href="{{ url_for('home') }}" class="logo">SKILL VISTAAR</a>
    </nav>
  </header>

  <div id="sidebar" class="sidebar">
    <a href="javascript:void(0)" class="close-btn" onclick="closeSidebar()";>
    <a href="{{ url_for('career_guidance') }}">Personalized Career Guidance
    <a href="{{ url_for('skill_gap') }}">Skill Gap Analysis</a>
    <a href="{{ url_for('salary_forecasting') }}">Salary Forecasting</a>
    <a href="{{ url_for('mentorship') }}">Mentorship Program</a>
    <a href="{{ url_for('networking') }}">Networking Opportunities</a>
  </div>

  <style>

.section {
  padding: 40px 20px;
  margin: 20px;
  background-color: white;
  border-radius: 10px;
  box-shadow: 0 2px 10px rgba(0,0,0,0.1);
}

.section h2 {
  color: #00A859;
  margin-bottom: 15px;
}

.section ul {
  padding-left: 20px;
}

```

```

.section ul li {
  padding: 8px 0;
  line-height: 1.6;
}

.event-list li {
  font-weight: 500;
}

.quote {
  font-style: italic;
  background: #e7f7ef;
  border-left: 5px solid #00A859;
  margin-top: 20px;
  padding: 15px;
  color: #333;
  border-radius: 6px;
}

</style>
<div class="section">
  <h2>🌟 Why Networking Matters</h2>
  <p>Networking opens doors to mentorship, job opportunities, and insight</p>
  <ul>
    <li>Expand your industry knowledge</li>
    <li>Meet like-minded professionals</li>
    <li>Access referral-based job openings</li>
  </ul>
  <blockquote class="quote">"Your network is your net worth." — Porter G
</div>

<div class="section">
  <h2>📅 Upcoming & Popular Events</h2>
  <ul class="event-list">
    <li><strong>Virtual Tech Meetup - India</strong> – May 10, 2025</li>
    <li><strong>LinkedIn Career Connect</strong> – June 2, 2025</li>
    <li><strong>Skill Vistaar Community Q&A Live</strong> – Every Friday
    <li><strong>Resume Review & Networking Day</strong> – July 15, 20:

```

```

    </ul>
  </div>

  <div class="section">
    <h2>✔ Networking Do's & ✖ Don'ts</h2>
    <ul>
      <li>✔ Be polite and specific in your approach</li>
      <li>✔ Send personalized follow-ups</li>
      <li>✖ Don't ask for jobs immediately</li>
      <li>✖ Avoid ghosting your connections</li>
    </ul>
  </div>

  <div class="section">
    <h2>🎉 Success Stories</h2>
    <div class="card-container">
      <div class="success-card">
        <h3>Ayushi Sharma</h3>
        <p>"Skill Vistaar helped me connect with a hiring manager, and I got<
      </div>
      <div class="success-card">
        <h3>Rohan Patel</h3>
        <p>"Thanks to the mentorship sessions, I gained confidence and lar<
      </div>
      <div class="success-card">
        <h3>Sneha Gupta</h3>
        <p>"Attending the networking webinars introduced me to peers and<
      </div>
      <div class="success-card">
        <h3>Aditya Verma</h3>
        <p>"I never imagined a casual chat in the Skill Vistaar community w<
      </div>
    </div>
  </div>
  <style>
    .card-container {
      display: flex;
      flex-wrap: wrap;
      gap: 20px;

```

```

    justify-content: center;
    margin-top: 20px;
}

.success-card {
    background-color: #ffffff;
    border-left: 5px solid #00A859;
    padding: 20px;
    width: 260px;
    border-radius: 10px;
    box-shadow: 0 4px 8px rgba(0,0,0,0.1);
    transition: transform 0.3s ease;
}

.success-card:hover {
    transform: translateY(-5px);
}

.success-card h3 {
    color: #1A3A6C;
    margin-bottom: 10px;
}

.success-card p {
    color: #333;
    font-size: 0.95rem;
}

</style>
</div>

<script>
    function openSidebar() {
        document.getElementById("sidebar").style.width = "250px";
    }

    function closeSidebar() {
        document.getElementById("sidebar").style.width = "0";
    }

```

```

    }
</script>

<footer>
  <div class="footer-gradient"></div>
  <p>&copy; 2025 Skill Vistaar. All rights reserved.</p>
</footer>
</body>
</html>

```

Salary Forecasting.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Salary Forecasting</title>
  <link rel="stylesheet" href="{{ url_for('static', filename='webpages.css') }}">
  <style>
    .form-container {
      max-width: 700px;
      margin: 50px auto;
      background: #fff;
      padding: 30px;
      border-radius: 10px;
      box-shadow: 0 8px 24px rgba(0, 0, 0, 0.1);
    }

    label {
      display: block;
      margin-bottom: 8px;
      font-weight: bold;
      color: #1A3A6C;
    }

    input, textarea {

```

```

    width: 100%;
    padding: 10px;
    margin-bottom: 20px;
    border: 1px solid #ccc;
    border-radius: 6px;
}

button {
    width: 100%;
    padding: 12px;
    background-color: #1A3A6C;
    color: white;
    border: none;
    border-radius: 6px;
    cursor: pointer;
    font-size: 16px;
}

button:hover {
    background-color: #15406c;
}

#result-container {
    margin-top: 20px;
    background-color: #f4fdf7;
    padding: 20px;
    border-radius: 6px;
    display: none;
}
</style>
</head>
<body>
    <header>
        <nav class="navbar">
            <span class="menu-icon" onclick="openSidebar()">&#9776;</span>
            <a href="{ { url_for('home') } }" class="logo">SKILL VISTAAR</a>
        </nav>
    </header>

```



```

<div id="sidebar" class="sidebar">
  <a href="javascript:void(0)" class="close-btn" onclick="closeSidebar()">
  <a href="{{ url_for('career_guidance') }}">Personalized Career Guidance
  <a href="{{ url_for('skill_gap') }}">Skill Gap Analysis</a>
  <a href="{{ url_for('salary_forecasting') }}">Salary Forecasting</a>
  <a href="{{ url_for('mentorship') }}">Mentorship Program</a>
  <a href="{{ url_for('networking') }}">Networking Opportunities</a>
</div>

<div class="form-container">
  <h2>Salary Forecasting Tool</h2>
  <form id="salaryForm">
    <label for="job">Job Title:</label>
    <input type="text" id="job" name="job" required>

    <label for="location">Location:</label>
    <input type="text" id="location" name="location" required>

    <label for="experience">Years of Experience:</label>
    <input type="number" id="experience" name="experience" min="0" r

    <label for="skills">Current Skills (comma separated):</label>
    <textarea id="skills" name="skills" rows="4" required></textarea>

    <button type="submit">Get Salary Forecast</button>
  </form>

  <div id="result-container"></div>
</div>

<footer>
  <div class="footer-gradient"></div>
  <p>&copy; 2025 Skill Vistaar. All rights reserved.</p>
</footer>

<script>
  const form = document.getElementById("salaryForm");

```

```

const resultDiv = document.getElementById("result-container");

const salaryData = {
  "software engineer": {
    min: 400000,
    avg: 800000,
    max: 1500000,
    boostSkills: ["System Design", "Cloud Computing", "DSA"]
  },
  "data scientist": {
    min: 500000,
    avg: 950000,
    max: 1700000,
    boostSkills: ["Machine Learning", "Deep Learning", "SQL"]
  },
  "web developer": {
    min: 300000,
    avg: 600000,
    max: 1200000,
    boostSkills: ["React", "Node.js", "REST APIs"]
  }
};

function openSidebar() {
  document.getElementById("sidebar").style.width = "250px";
}

function closeSidebar() {
  document.getElementById("sidebar").style.width = "0";
}

form.addEventListener("submit", function (e) {
  e.preventDefault();

  const job = form.job.value.toLowerCase();
  const location = form.location.value;
  const experience = form.experience.value;
  const skills = form.skills.value.toLowerCase().split(",").map(s => s.trim())

```

```

// Clear and hide result initially
resultDiv.innerHTML = "";
resultDiv.style.display = "none";

if (!salaryData[job]) {
  resultDiv.innerHTML = `<p style="color:red;">No data available for `
  resultDiv.style.display = "block";
  return;
}

const { min, avg, max, boostSkills } = salaryData[job];
const missingSkills = boostSkills.filter(skill => !skills.includes(skill.toLowerCase()));

resultDiv.innerHTML = `
  <h3>Forecast for ${job.charAt(0).toUpperCase() + job.slice(1)}</h3>
  <ul>
    <li><strong>Minimum Salary:</strong> ₹${min.toLocaleString()}</li>
    <li><strong>Average Salary:</strong> ₹${avg.toLocaleString()}</li>
    <li><strong>Maximum Salary:</strong> ₹${max.toLocaleString()}</li>
  </ul>
  <h4>Skills to Learn & Boost Salary:</h4>
  <ul>${missingSkills.length ? missingSkills.map(skill => `<li>${skill}</li>`)}</ul>
`;

resultDiv.style.display = "block";

});
</script>
</body>
</html>

```

Skill Gap.html

```

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

```

```

<head>
  <meta charset="UTF-8">
  <title>Skill Gap Analysis</title>
  <link rel="stylesheet" href="{{ url_for('static', filename='webpages.css') }}"

</head>

<body>
  <header>
    <nav class="navbar">
      <span class="menu-icon" onclick="openSidebar()">&#9776;</span>
      <a href="{{ url_for('home') }}" class="logo">SKILL VISTAAR</a>
    </nav>
  </header>

  <div id="sidebar" class="sidebar">
    <a href="javascript:void(0)" class="close-btn" onclick="closeSidebar()";
    <a href="{{ url_for('career_guidance') }}">Personalized Career Guidance
    <a href="{{ url_for('skill_gap') }}">Skill Gap Analysis</a>
    <a href="{{ url_for('salary_forecasting') }}">Salary Forecasting</a>
    <a href="{{ url_for('mentorship') }}">Mentorship Program</a>
    <a href="{{ url_for('networking') }}">Networking Opportunities</a>
  </div>

  <div class="content">
    <form id="skillForm">
      <label>Target Company:</label><br>
      <input type="text" name="company" required><br><br>

      <label>Target Position:</label><br>
      <input type="text" name="position" required><br><br>

      <label>Your Current Skills (comma-separated):</label><br>
      <textarea name="skills" required></textarea><br><br>

      <button type="submit">Analyze</button>
    </form>
  </div>

```

```

    <div id="result"></div>
</div>

<script>
    const form = document.getElementById("skillForm");
    form.addEventListener("submit", async (e) => {
        e.preventDefault();

        const company = form.company.value;
        const position = form.position.value;
        const skills = form.skills.value;

        const response = await fetch("/analyze_skill_gap", {
            method: "POST",
            headers: { "Content-Type": "application/json" },
            body: JSON.stringify({ company, position, skills })
        });

        function openSidebar() {
            document.getElementById("sidebar").style.width = "250px";
        }

        function closeSidebar() {
            document.getElementById("sidebar").style.width = "0";
        }

        const data = await response.json();

        document.getElementById("result").innerHTML = `
            <h3>Suggested Skills to Improve for <em>${position}</em> at <str
            <ul>${data.skills.map(skill => `<li>${skill}</li>`).join("")}</ul>
        `;
    });
</script>

<footer>
    <div class="footer-gradient"></div>
    <p>&copy; 2025 Skill Vistaar. All rights reserved.</p>

```

```
</footer>  
</body>  
</html>
```