

Full Stack Assignment

Sathvik Jammula

BL.EN.U4AIE20020

1)

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="styles.css">
    <title>Resume</title>
</head>
<body>
    <div class="container">
        <div class="profile">
            
            <h1 class="name">Jammula Durga Bala Sathvik</h1>
            <p class="position">Pre-final Year at Amrita School of Engineering, Bangalore</p>
            <p class="contact">sathvik6916@gmail.com | +91 9849411149 | Bangalore, India</p>
        </div>
        <div class="education">
            <h2>Education</h2>
            <div class="education-item">
                <h3>Under Graduate in Computer Science and Artificial Intelligence</h3>
                <p>Amrita School of Engineering</p>
                <p>Grade: 8.71</p>
            </div>
            <div class="education-item">
                <h3>Secondary Education</h3>
                <p>Narayana Junior College</p>
                <p>Grade: 9.3</p>
                <p>Course: PCM</p>
            </div>
            <div class="education-item">
                <h3>Matriculation</h3>
                <p>Dr. KKR's Gowtham Concept School</p>
                <p>Grade: 9.3</p>
            </div>
        </div>
        <div class="projects">
            <h2>Projects</h2>
            <div class="project-item">
                <h3>Drug Discovery using Machine Learning Algorithms</h3>
            </div>
        </div>
    </div>
</body>
```

```
<p>Improving the use of computational methods to find the drug structure from ChEMBL Databases and applying regression techniques</p>
</div>
<div class="project-item">
<h3>YT-TRANS-SEARCH</h3>
<p>An alternate solution for obtaining search results by searching through the contents of YouTube videos</p>
</div>
<div class="project-item">
<h3>Gym Management System (GymX)</h3>
<p>Web-based management system for fitness centers and gyms designed and developed using HTML, CSS, and JavaScript</p>
</div>
<div class="project-item">
<h3>Legal Entity Recognition</h3>
<p>Aim is to develop a machine learning and deep learning-based system to identify legal entities from unstructured data</p>
<p>Using Natural Language Processing (NLP) and Named Entity Recognition (NER) to extract relevant information from the text and classify it as a legal entity</p>
</div>
</div>

<div class="experience">
<h2>Professional Experience</h2>
<div class="experience-item">
<h3>FACE – Vice President, Forum for Aspiring Computer Engineers</h3>
<p>Have been instrumental in shaping the strategic direction of FACE, leveraging my expertise to guide the organization towards achieving its mission of inspiring, educating, and connecting computer engineering enthusiasts.</p>
</div>
<div class="experience-item">
<h3>RPA Developer – Intern, Quess Conneqt Corp Business Solutions</h3>
<ul>
<li>Built an automation using UIPath Tool</li>
<li>Learnt in depth about the Robotic Process Automation and various applications in real life. Developed a Daily Report Automation for a bank</li>
</ul>
</div>
</div>

<div class="skills">
<h2>Skills</h2>
<div class="skill-item">
<p>Python</p>
</div>
<div class="skill-item">
<p>Java</p>
</div>
```

```
<div class="skill-item">
  <p>Data Structures</p>
</div>
<div class="skill-item">
  <p>Algorithms</p>
</div>
<div class="skill-item">
  <p>Problem Solving</p>
</div>
<div class="skill-item">
  <p>OOPS</p>
</div>
<div class="skill-item">
  <p>DBMS</p>
</div>
<div class="skill-item">
  <p>Machine Learning</p>
</div>
<div class="skill-item">
  <p>Deep Learning</p>
</div>
<div class="skill-item">
  <p>Communication</p>
</div>
<div class="skill-item">
  <p>Time Management</p>
</div>
<div class="skill-item">
  <p>Team Work</p>
</div>
<div class="skill-item">
  <p>Adaptability</p>
</div>
<div class="skill-item">
  <p>Multitasking</p>
</div>
<div class="skill-item">
  <p>Collaboration</p>
</div>
</div>

</div>
</body>
</html>
```

```
body {
  margin: 0;
  font-family: Arial, sans-serif;
```

```
background-color: #535353;
color: #333;
}

.container {
  max-width: 800px;
  margin: 0 auto;
  padding: 20px;
  background-color: white;
  border-radius: 10px;
  box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
}

.profile-img {
  width: 150px;
  height: 150px;
  border-radius: 50%;
  margin: 0 auto;
  display: block;
  transition: transform 0.3s ease;
}

.profile-img:hover {
  transform: scale(1.1);
}

.name {
  text-align: center;
  margin-top: 10px;
  color: #0056b3;
  transition: color 0.3s ease;
}

.name:hover {
  color: #003366;
}

.position,
.contact {
  text-align: center;
  margin-top: 5px;
  color: #555;
}

.education {
  margin-top: 30px;
}

.education h2 {
  color: #0056b3;
  font-size: 24px;
```

```
    margin-bottom: 10px;
}

.education-item {
  padding: 15px;
  border: 1px solid #ddd;
  border-radius: 5px;
  margin-bottom: 15px;
  transition: transform 0.3s ease, background-color 0.3s ease;
}

.education-item:hover {
  transform: translateY(-5px);
  background-color: #f5f5f5;
}

.education-item h3 {
  color: #333;
}

.education-item p {
  color: #555;
  margin: 5px 0;
}
.projects {
  margin-top: 30px;
}

.projects h2 {
  color: #0056b3;
  font-size: 24px;
  margin-bottom: 10px;
}

.project-item {
  padding: 15px;
  border: 1px solid #ddd;
  border-radius: 5px;
  margin-bottom: 15px;
  transition: transform 0.3s ease, background-color 0.3s ease;
}

.project-item:hover {
  transform: translateY(-5px);
  background-color: #f5f5f5;
}

.project-item h3 {
  color: #333;
}
```

```
.project-item p {
  color: #555;
  margin: 5px 0;
}

.experience {
  margin-top: 30px;
}

.experience h2 {
  color: #0056b3;
  font-size: 24px;
  margin-bottom: 10px;
}

.experience-item {
  padding: 15px;
  border: 1px solid #ddd;
  border-radius: 5px;
  margin-bottom: 15px;
  transition: transform 0.3s ease, background-color 0.3s ease;
}

.experience-item:hover {
  transform: translateY(-5px);
  background-color: #f5f5f5;
}

.experience-item h3 {
  color: #333;
}

.experience-item ul {
  list-style: disc;
  margin-left: 20px;
  color: #555;
}

.experience-item li {
  margin-bottom: 5px;
}

.skills {
  margin-top: 30px;
}

.skills h2 {
  color: #0056b3;
  font-size: 24px;
```

```
    margin-bottom: 10px;
}

.skill-item {
  display: inline-block;
  padding: 10px;
  border: 1px solid #ddd;
  border-radius: 5px;
  margin-right: 10px;
  margin-bottom: 10px;
  transition: transform 0.3s ease, background-color 0.3s ease;
  cursor: pointer;
}

.skill-item:hover {
  transform: translateY(-3px);
  background-color: #f5f5f5;
}

.skill-item p {
  color: #333;
  margin: 0;
}
```

2)

```
<html>
<head>
  <link rel="stylesheet" href="flexstyle.css">
  <style>
    #submit-button {
      background-color: grey;
      color: white;
      border: none;
      padding: 10px 20px;
      cursor: pointer;
    }
    body {
      background-color: rgb(183, 160, 160);
    }
  </style>
</head>
<body >
  <div class="form-container">
    <div class="left-column">
      <form>
        <label for="name">Name:</label>
        <input type="text" id="name" name="name" class="text-input"
required>
```

```

        <label for="town">Town you were born in:</label>
        <input type="text" id="town" name="town" class="text-input"
required>

        <label for="email">Email address:</label>
        <input type="email" id="email" name="email" class="text-input"
required>

            <button type="submit" id="submit-button" >Submit</button>
        </form>
    </div>
    <div class="right-column">
        <label for="message">Message:</label>
        <textarea id="message" name="message" class="text-input"
rows="15"></textarea>
    </div>
</body>
</html>

```

3)

```

<!DOCTYPE html>
<html>
<head>
    <style type="text/css">
        body {
            margin: 0;
            padding: 0;
        }

        .fixtext {
            position: fixed;
            top: 0;
            left: 36%;
            text-align: center;
            width: 400px;
            border: 1px solid green;
            font-size: 50px;
            background: rgba(44, 62, 80, 0.3);
        }

        div.gallery {
            margin: 5px;
            border: 1px solid gray;
            float: left;
            width: 400px;
            overflow: hidden; /* To ensure consistent image size */
        }
    </style>

```

```
div.gallery:hover {
    border: 1px solid red;
}

div.gallery img {
    width: 100%;
    height: auto;
    transition: transform 0.2s; /* Add hover animation */
}

div.gallery:hover img {
    transform: scale(1.05); /* Scale up image on hover */
}

div.desc {
    padding: 15px;
    text-align: center;
}

table {
    width: 100%;
    border: 1px solid blue;
}
</style>
</head>
<body>
    <div class="fixtext">
    </div>
    <table align="center">
        <tr>
            <td>
                <div class="gallery">
                    
                </div>
            </td>
            <td>
                <div class="gallery">
                    
                </div>
            </td>
            <td>
                <div class="gallery">
                    
                </div>
            </td>
        </tr>
        <tr>
            <td>
                <div class="gallery">
                    
                </div>
            </td>
        </tr>
    </table>

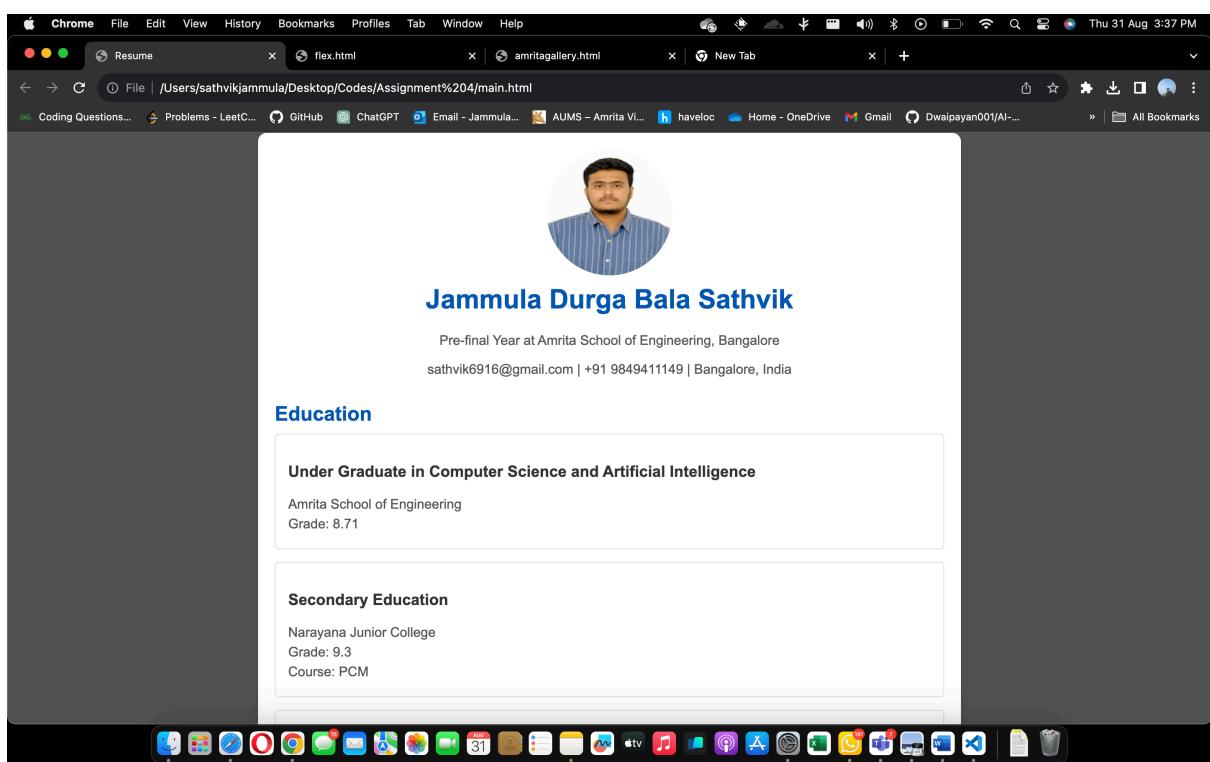
```

```

        </div>
    </td>
    <td>
        <div class="gallery">
            
        </div>
    </td>
    <td>
        <div class="gallery">
            
        </div>
    </td>
</tr>
</table>
</body>
</html>

```

Screenshots:



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Using Natural Language Processing (NLP) and Named Entity Recognition (NER) to extract relevant information from the text and classify it as a legal entity

Professional Experience

FACE - Vice President, Forum for Aspiring Computer Engineers

Have been instrumental in shaping the strategic direction of FACE, leveraging my expertise to guide the organization towards achieving its mission of inspiring, educating, and connecting computer engineering enthusiasts.

RPA Developer - Intern, Queso Connect Corp Business Solutions

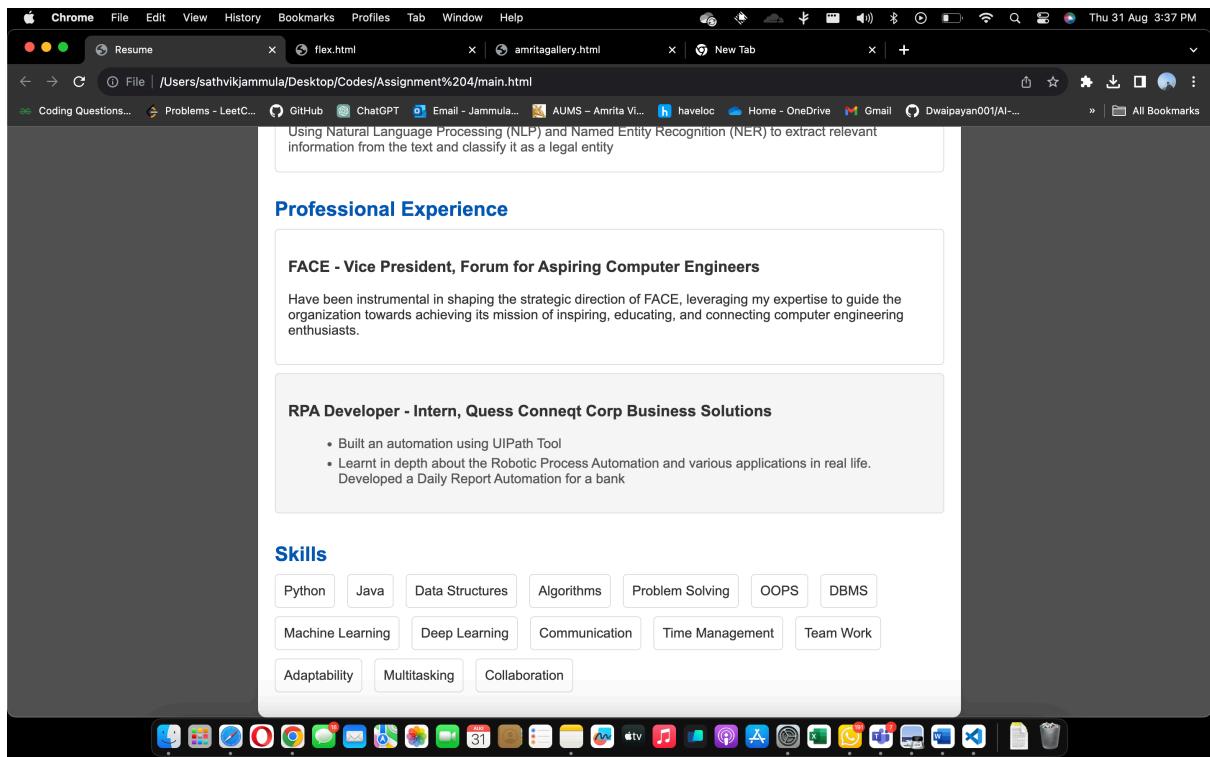
- Built an automation using UIPath Tool
- Learnt in depth about the Robotic Process Automation and various applications in real life.
- Developed a Daily Report Automation for a bank

Skills

Python Java Data Structures Algorithms Problem Solving OOPS DBMS

Machine Learning Deep Learning Communication Time Management Team Work

Adaptability Multitasking Collaboration



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Name:

Town you were born in:

Email address:

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