Experiment No. 1 – A

Aim: Prepare a Resume using HTML tags

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>Resume | Kamal Agrahari</title>
<style>
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
.container {
    margin: 20px 50px;
    padding: 20px;
    border: 3px solid black;
}
.header {
    display: flex;
    border-bottom: 3px solid black;
    padding-bottom: 10px;
}
.profile-photo {
    width: 120px;
    margin-left: 350px;
}
.person {
    padding: 15px 10px;
}
.person-name {
    padding-bottom: 12px;
}
.person-job {
    font-size: 20px;
    padding-bottom: 7px;
    letter-spacing: 1.2px;
}
.person-description {
    font-size: 17px;
}
.section-container {
    display: flex;
    justify-content: space-between;
}
.left-section, .right-section {
    padding: 15px 10px;
```

```css
}
.info-part {
    padding-bottom: 20px;
}
.info-icon {
    font-size: 20px;
    padding-bottom: 5px;
    margin-bottom: 12px;
    border-bottom: 2px solid gray;
}
.info-text {
    font-weight: 600;
}
.info-list {
    list-style: none;
}
.info-list-item {
    padding-bottom: 5px;
    display: flex;
}
.right-align {
    justify-content: space-between;
}
.bold {
    font-weight: 700;
}
.item-text {
    font-size: 17px;
}
.date + div {
    padding-left: 25px;
    margin-bottom: 10px;
}
.date + div h2 {
    margin-bottom: 0px;
}
.date + div p {
    margin-bottom: 5px;
}
.date + p {
    padding-left: 95px;
}
.info-list-item ul {
    list-style: none;
}
</style>
</head>
<body>
<div class="container">
    <div class="header">
        <div class="person">
            <h1 class="person-name">Kamal Agrahari</h1>
```

```html
        <p class="person-job">Full Stack Web Developer</p>
        <p class="person-description">
            A Full Stack Web Developer is responsible for developing and maintaining web applications
from the ground up. This role involves working with both front-end and back-end technologies to
create a cohesive and functional user experience. Full stack developers are proficient in various
programming languages, frameworks, and tools that span the entire development stack.
        </p>
      </div>
      <img src="./kamalProfile.png" alt="Profile Photo of Kamal Agrahari" class="profile-photo"/>
    </div>
    <div class="section-container">
      <div class="left-section">
        <div class="info-part">
          <p class="info-icon">
            &#128102; <span class="info-text">Personal Info</span>
          </p>
          <ul class="info-list">
            <li class="info-list-item">
              <p class="item-text bold">Address</p>
            </li>
            <li class="info-list-item">
              <p class="item-text">Mumbai, IN</p>
            </li>
            <li class="info-list-item">
              <p class="item-text bold">Phone</p>
            </li>
            <li class="info-list-item">
              <p class="item-text">702X15XXXX</p>
            </li>
            <li class="info-list-item">
              <p class="item-text bold">E-mail</p>
            </li>
            <li class="info-list-item">
              <p class="item-text">kamalagrahari2003@gmail.com</p>
            </li>
            <li class="info-list-item">
              <p class="item-text bold">LinkedIn</p>
            </li>
            <li class="info-list-item">
              <p class="item-text">linkedin.com/kamalagrahari03</p>
            </li>
          </ul>
        </div>
        <div class="info-part">
          <p class="info-icon">
            &#129513; <span class="info-text">Skills</span>
          </p>
          <ul class="info-list">
            <li class="info-list-item">
              <p class="item-text">Business Process Improvement</p>
            </li>
            <li class="info-list-item">
```

```html
          <p class="item-text">Project Scheduling</p>
        </li>
        <li class="info-list-item">
          <p class="item-text">Coding Skills (Python, Java, JavaScript)</p>
        </li>
        <li class="info-list-item">
          <p class="item-text">Communication Skills</p>
        </li>
        <li class="info-list-item">
          <p class="item-text">Strategic Planning</p>
        </li>
      </ul>
    </div>
    <div class="info-part">
      <p class="info-icon">
        &#128187; <span class="info-text">Software</span>
      </p>
      <ul class="info-list">
        <li class="info-list-item right-align">
          <p class="item-text bold">Flutter</p>
          <p>&#9899; &#9899; &#9899; &#9899; &#9898;</p>
        </li>
        <li class="info-list-item right-align">
          <p class="item-text bold">AWS Cloud</p>
          <p>&#9899; &#9899; &#9899; &#9898; &#9898;</p>
        </li>
        <li class="info-list-item right-align">
          <p class="item-text bold">Relational Database Management System</p>
          <p>&#9899; &#9899; &#9899; &#9899; &#9899;</p>
        </li>
        <li class="info-list-item right-align">
          <p class="item-text bold">Excel</p>
          <p>&#9899; &#9899; &#9899; &#9899; &#9898;</p>
        </li>
      </ul>
    </div>
    <div class="info-part">
      <p class="info-icon">
        &#9873; <span class="info-text">Languages</span>
      </p>
      <ul class="info-list">
        <li class="info-list-item right-align">
          <p class="item-text bold">English</p>
          <p>&#9899; &#9899; &#9899; &#9899; &#9899;</p>
        </li>
        <li class="info-list-item right-align">
          <p class="item-text bold">Hindi</p>
          <p>&#9899; &#9899; &#9899; &#9899; &#9899;</p>
        </li>
        <li class="info-list-item right-align">
          <p class="item-text bold">Marathi</p>
          <p>&#9899; &#9899; &#9899; &#9899; &#9898;</p>
```

```html
                </li>

            </ul>
        </div>
    </div>
    <div class="right-section">
        <div class="info-part">
            <p class="info-icon">
                &#128188; <span class="info-text">Experience</span>
            </p>
            <ul class="info-list">
                <li class="info-list-item">
                    <div class="date">2006-12 to present</div>
                    <div>
                        <h2 class="person-job">Senior Project Manager</h2>
                        <p class="item-text">VPPCOE, Software Industry</p>
                        <ul>
                            <li>Design and implement user interfaces using HTML, CSS, and JavaScript.</li>
                            <li>Utilize front-end frameworks and libraries like React.js, Angular, or Vue.js to
build dynamic web pages.</li>
                            <li>Ensure cross-browser compatibility and optimize web performance.</li>
                        </ul>
                    </div>
                </li>
                <li class="info-list-item">
                    <div class="date">2004-09 to 2006-12</div>
                    <div>
                        <h2 class="person-job">Junior Project Manager</h2>
                        <p class="item-text">VPPCOE, SI</p>
                        <ul>
                            <li>Develop server-side logic using languages like Node.js, Python, Ruby, Java, or
PHP.</li>
                            <li>Design and manage databases (SQL or NoSQL) and write efficient queries.</li>
                            <li>Implement APIs and integrate third-party services.</li>
                        </ul>
                    </div>
                </li>
                <li class="info-list-item">
                    <div class="date">2002-08 to 2004-09</div>
                    <div>
                        <h2 class="person-job">IT Support Officer</h2>
                        <p class="item-text">VPPCOE, SI</p>
                        <ul>
                            <li>Ensure seamless communication between the front-end and back-end
components.</li>
                            <li>Manage server infrastructure, deployment, and scaling of web applications.</li>
                            <li>Utilize version control systems like Git for code management and
collaboration.</li>
                        </ul>
                    </div>
                </li>
            </ul>
```

```html
      </div>
      <div class="info-part">
        <p class="info-icon">
          &#127891; <span class="info-text">Education</span>
        </p>
        <ul class="info-list">
          <li class="info-list-item">
            <div class="date">2024-12 to 2026-07</div>
            <div>
              <h2 class="person-job">Bachelor's in Engineering in Information Technology,
Mumbai University</h2>
              <ul>
                <li>Graduated from VasantDada Patil Pratisthan's College of Engineering</li>
                <li>Member of Coders Club</li>
                <li>Participated in Quazar Hackathon</li>
              </ul>
            </div>
          </li>
          <li class="info-list-item">
            <div class="date" style="padding-right: 46px;">March 2021</div>
            <div>
              <h2 class="person-job">HSC, Maharashtra State Board</h2>
              <ul>
                <li>Passed with 82%</li>
              </ul>
            </div>
          </li>
          <li class="info-list-item">
            <div class="date" style="padding-right: 46px;">March 2018</div>
            <div>
              <h2 class="person-job">SSC, Maharashtra State Board</h2>
              <ul>
                <li>Passed with 92%</li>
              </ul>
            </div>
          </li>
        </ul>
      </div>
      <div class="info-part">
        <p class="info-icon">
          &#127942; <span class="info-text">Certificates</span>
        </p>
        <ul class="info-list">
          <li class="info-list-item">
            <div class="date">2024-12</div>
            <p>AWS Certified</p>
          </li>
          <li class="info-list-item">
            <div class="date">2023-12</div>
            <p>Google Cloud</p>
          </li>
          <li class="info-list-item">
```

```html
            <div class="date">2022-12</div>
            <p>TechnoHacks</p>
          </li>
        </ul>
      </div>
    </div>
  </div>
</div>
</body>
</html>
```

Output:

Kamal Agrahari

Full Stack Web Developer

A Full Stack Web Developer is responsible for developing and maintaining web applications from the ground up. This role involves working with both front-end and back-end technologies to create a cohesive and functional user experience. Full stack developers are proficient in various programming languages, frameworks, and tools that span the entire development stack.

💡 Personal Info

Address
Mumbai, IN
Phone
702X15XXXX
E-mail
kamalagrahari2003@gmail.com
LinkedIn
linkedin.com/kamalagrahari03

🧩 Skills

Business Process Improvement
Project Scheduling
Coding Skills (Python, Java, JavaScript)
Communication Skills
Strategic Planning

🖥 Software

Flutter	●●●●○
AWS Cloud	●●●○○
Relational Database Management System	●●●●●
Excel	●●●●○

🚩 Languages

English	●●●●●
Hindi	●●●○○
Marathi	●●●●○

💼 Experience

2006-12 to present — **Senior Project Manager**
VPPCOE, Software Industry
Design and implement user interfaces using HTML, CSS, and JavaScript.
Utilize front-end frameworks and libraries like React.js, Angular, or Vue.js to build dynamic web pages.
Ensure cross-browser compatibility and optimize web performance.

2004-09 to 2006-12 — **Junior Project Manager**
VPPCOE, SI
Develop server-side logic using languages like Node.js, Python, Ruby, Java, or PHP.
Design and manage databases (SQL or NoSQL) and write efficient queries.
Implement APIs and integrate third-party services.

2002-08 to 2004-09 — **IT Support Officer**
VPPCOE, SI
Ensure seamless communication between the front-end and back-end components.
Manage server infrastructure, deployment, and scaling of web applications.
Utilize version control systems like Git for code management and collaboration.

🏠 Education

2024-12 to 2026-07 — **Bachelor's in Engineering in Information Technology, Mumbai University**
Graduated from VasantDada Patil Pratisthan's College of Engineering
Member of Coders Club
Participated in Quazar Hackathon

March 2021 — **HSC, Maharashtra State Board**
Passed with 82%

March 2018 — **SSC, Maharashtra State Board**
Passed with 92%

🏆 Certificates

2024-12	AWS Certified
2023-12	Google Cloud
2022-12	TechnoHacks

Experiment No. 1 – B

Aim: Design a registration form with HTML5 form tags.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>Registration Form</title>
<style>
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
body {
    display: flex;
    height: 100vh;
    justify-content: center;
    align-items: center;
    background-color: #f8f9fa;
}
form {
    margin: auto;
    padding: 20px;
    border: 2px solid rgb(228, 207, 207);
    border-radius: 25px;
    box-shadow: 1px 4px 8px rgba(0, 0, 0, 0.196);
    background-color: #fff;
}
header {
    text-align: center;
    margin-bottom: 25px;
}
.primary-heading {
    color: rgb(61, 56, 56);
}
.heading-text {
    font-size: 14px;
    color: gray;
}
.form-group {
    padding: 12px;
    display: grid;
    grid-template-columns: 1fr 1fr;
    gap: 20px;
}
.fullspan {
    grid-column: span 2;
}
.name-group {
    display: flex;
    justify-content: space-between;
}
.name-group-item {
    display: flex;
```

```css
    flex-direction: column;
    width: 100%;
}
.name-group-item label {
    padding-top: 8px;
}
.row-group {
    display: flex;
    flex-direction: column;
}
label {
    margin-bottom: 10px;
    color: rgb(15, 13, 18);
    font-weight: bold;
    font-size: 20px;
}
input, select {
    height: 26px;
    border-radius: 8px;
    padding: 5px 8px;
    border: 2px solid rgba(232, 230, 230, 0.911);
    background-color: rgba(232, 230, 230, 0.737);
}
.sub-label {
    color: rgb(61, 56, 56);
    font-size: 15px;
    font-weight: 400;
}
.padding-right {
    padding-right: 20px;
}
footer {
    display: flex;
    justify-content: center;
    align-items: center;
    margin-top: 20px;
}
.btn {
    display: inline-block;
    padding: 8px 10px;
    width: 50%;
    border: none;
    border-radius: 20px;
    background-color: rgba(140, 139, 139, 0.737);
    color: rgb(36, 35, 35);
    font-weight: bold;
    font-size: 14px;
    cursor: pointer;
}
</style>
</head>
<body>
<form action="">
    <header>
        <h1 class="primary-heading">Class Registration</h1>
        <p class="heading-text">
            Fill out the form carefully. <br /> Required field are labeled as '*'
        </p>
    </header>
    <div class="form-group">
```

```html
    <div class="row-group fullspan">
      <label for="first_name">Student Name</label>
      <div class="name-group">
        <div class="name-group-item padding-right">
          <input type="text" name="first_name" id="first_name" />
          <label class="sub-label" for="first_name">First Name</label>
        </div>
        <div class="name-group-item padding-right">
          <input type="text" name="middle_name" id="middle_name" />
          <label class="sub-label" for="middle_name">Middle Name</label>
        </div>
        <div class="name-group-item">
          <input type="text" name="last_name" id="last_name" />
          <label class="sub-label" for="last_name">Last Name</label>
        </div>
      </div>
    </div>
  </div>
  <div class="form-group">
    <div class="row-group">
      <label for="gender">Gender</label>
      <select name="gender" id="gender">
        <option value="null">Please Select</option>
        <option value="male">Male</option>
        <option value="female">Female</option>
        <option value="other">Other</option>
      </select>
    </div>
    <div class="row-group">
      <label for="email">Email</label>
      <input type="email" name="email" id="email" placeholder="Ex: vu4f2223028@pvppcoe.ac.in" />
    </div>
  </div>
  <div class="form-group">
    <div class="row-group">
      <label for="id">Student ID</label>
      <input type="text" name="id" id="id" placeholder="Ex: VU4F2223028" />
    </div>
    <div class="row-group">
      <label for="division">Division</label>
      <select name="division" id="division">
        <option value="null">Please Select</option>
        <option value="a">A</option>
        <option value="b">B</option>
      </select>
    </div>
  </div>
  <div class="form-group ">
    <div class="row-group fullspan">
      <label for="elective">Select Courses</label>
      <div class="name-group ">
        <div class="name-group-item padding-right">
          <select name="elective" id="elective">
            <option value="null">Please Select</option>
            <option value="admt">ADMT</option>
            <option value="adsa">ADSA</option>
          </select>
          <label class="sub-label" for="elective">Elective</label>
        </div>
        <div class="name-group-item">
```

```
        <select name="honors" id="honors">
            <option value="null">Please Select</option>
            <option value="ds">Data Science</option>
            <option value="aiml">AI & ML</option>
            <option value="csl">Cybersecurity & Law</option>
        </select>
        <label class="sub-label" for="honors">Honors</label>
      </div>
    </div>
  </div>
 </div>
 <footer>
   <button type="submit" class="btn">Submit</button>
 </footer>
</form>
</body>
</html>
```

Output: