<u>LABORATORY REPORT</u>
Application Development Lab
(CS33002)

B.Tech Program in ECSc

Submitted By

Name:-Harsh Kumar

Roll No: 2230084

Kalinga Institute of Industrial Technology
(Deemed to be University)
Bhubaneswar, India

Spring 2024-2025

Experiment Number	1
Experiment Title	Build a Resume using HTML/CSS
Date of Experiment	07-01-2025
Date of Submission	10-01-2025

1. Objective:-

To design and develop a professional resume using HTML and CSS.

2. Procedure:- (Steps Followed)

1. Open a new project folder and create an `index.html` file for the structure of your resume.
2. Write HTML code for sections: Header (Name, Photo, Contact), Skills, Projects, Work Experience, and Education.
3. Add hyperlinks to LinkedIn, GitHub, and other online portfolios.
4. Use CSS to apply design elements for proper alignment, spacing, and colors.
5. Make the layout responsive using Flexbox or Grid.
6. Integrate images and video links as required.
7. Test the design across devices.

3. Code:-

index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Resume</title>
```

```html
    <link rel="stylesheet" href="styles.css"><link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-b
eta3/css/all.min.css">
</head>
<body>
  <header class="header">
    <div class="profile-photo">
      <img src="profile.jpeg" alt="Profile Photo">
    </div>
    <div class="contact-info">
      <h1>Harsh Kumar</h1>
      <p><i class="fas fa-envelope"></i> Email:
2230084@kiit.ac.in</p>
      <p><i class="fas fa-phone"></i> Phone: 8271613113</p>
      <p>
        <i class="fab fa-linkedin"></i> <a
href="https://www.linkedin.com/in/harsh-kumar-411742249">LinkedIn
</a> |
        <i class="fab fa-github"></i> <a
href="https://github.com/HarshKumar192005">GitHub</a>
      </p>
    </div>
  </header>

  <section class="skills">
    <h2>Skills</h2>
    <ul>
      <li>HTML</li>
      <li>CSS</li>
      <li>JavaScript</li>
      <li>Python</li>
      <li>Java</li>
      <li>DBMS</li>
    </ul>
  </section>

  <section class="projects">
    <h2>Projects</h2>
    <div class="project-item">
      <h3>IoT-Based Manhole Detection</h3>
      <p>
The IoT-based manhole detection system enhances urban safety by
monitoring water levels,
```

```html
            gas leaks, and lid status in real time using sensors. It
            transmits alerts via wireless communication to enable timely
            interventions, supporting smart city infrastructure and public
            safety.
            </p>
        </div>
    </section>

    <section class="experience">
        <h2>Work Experience</h2>
        <p>No Work Experience</p>
    </section>

    <section class="education">
        <h2>Education</h2>
        <div class="education-item">
            <h3>B.Tech in Electronics and Computer Science</h3>
            <p>Kalinga Institute of Industrial Technology
(2022-2026)</p>
        </div>
        <div class="education-item">
            <h3>Class XII</h3>
            <p>School Name: Marwari College</p>
            <p>Board: BSEB</p>
            <p>Year of Passing: 2022</p>
        </div>
        <div class="education-item">
            <h3>Class X</h3>
            <p>School Name: Woodbine Modern School</p>
            <p>Board: CBSE</p>
            <p>Year of Passing: 2020</p>
        </div>
    </section>

    <footer>

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

styles.css

```css
body {
```

```css
  font-family: 'Roboto', sans-serif;
  margin: 0;
  padding: 0;
  line-height: 1.6;
  background-color: #e8f5e9;
  color: #333;
}

header {
  background: linear-gradient(135deg, #4CAF50, #388E3C);
  color: white;
  padding: 20px 10px;
  text-align: center;
  display: flex;
  align-items: center;
  justify-content: space-between;
  box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
}

.profile-photo img {
  border-radius: 50%;
  width: 150px;
  height: 150px;
  object-fit: cover;
  border: 5px solid white;
  box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
}

.contact-info {
  text-align: left;
}

.contact-info h1 {
  margin: 0;
  font-size: 2.5em;
  font-weight: bold;
  text-shadow: 2px 2px 4px rgba(0, 0, 0, 0.2);
}

.contact-info p {
  display: flex;
  align-items: center;
  gap: 10px;
```

```css
  margin: 5px 0;
  font-size: 1.1em;
}

.contact-info i {
  color: white;
  margin-right: 8px;
}

.contact-info a {
  color: white;
  text-decoration: none;
}

.contact-info a:hover {
  text-decoration: underline;
}

section {
  background: white;
  margin: 20px auto;
  padding: 20px;
  border-radius: 12px;
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
  max-width: 800px;
  transition: transform 0.2s;
}

section:hover {
  transform: scale(1.02);
}

h2 {
  border-bottom: 3px solid #4CAF50;
  padding-bottom: 5px;
  margin-bottom: 15px;
  color: #4CAF50;
  text-transform: uppercase;
  letter-spacing: 1px;
}

ul {
  list-style: none;
```

```css
    padding: 0;
}

ul li {
  background: #f9f9f9;
  margin: 5px 0;
  padding: 10px;
  border-left: 6px solid #4CAF50;
  box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
  transition: background 0.3s;
}

ul li:hover {
  background: #e8f5e9;
}

.education-item {
  margin-bottom: 15px;
}

.education-item h3 {
  margin: 0;
  color: #4CAF50;
  font-style: italic;
}

footer {
  text-align: center;
  padding: 10px;
  background: linear-gradient(135deg, #388E3C, #4CAF50);
  color: white;
  position: fixed;
  bottom: 0;
  width: 100%;
  box-shadow: 0 -4px 6px rgba(0, 0, 0, 0.1);
}

section.projects .project-item {
  margin-bottom: 20px;
}

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

```css
    margin-bottom: 5px;
}

section.projects .project-item p {
    margin: 0;
    color: #555;
}

section.skills ul {
    display: flex;
    flex-wrap: wrap;
    gap: 10px;
}

section.skills ul li {
    background: #C8E6C9;
    padding: 10px 15px;
    border-radius: 20px;
    text-align: center;
    box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
    transition: transform 0.2s;
}

section.skills ul li:hover {
    background: #A5D6A7;
    transform: scale(1.05);
}

.contact-info p:nth-child(2) {
    font-size: 1.2em;
    font-weight: bold;
}
```
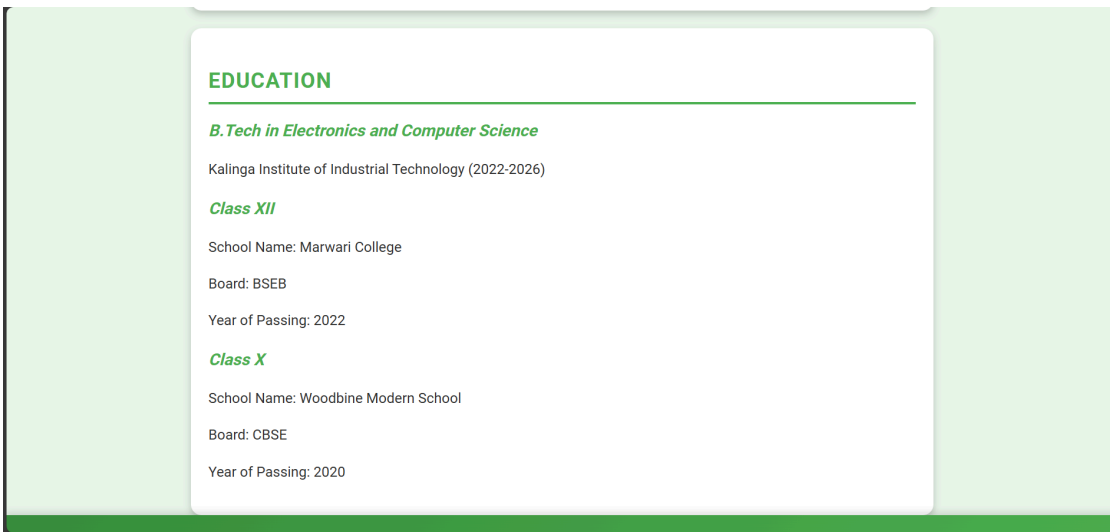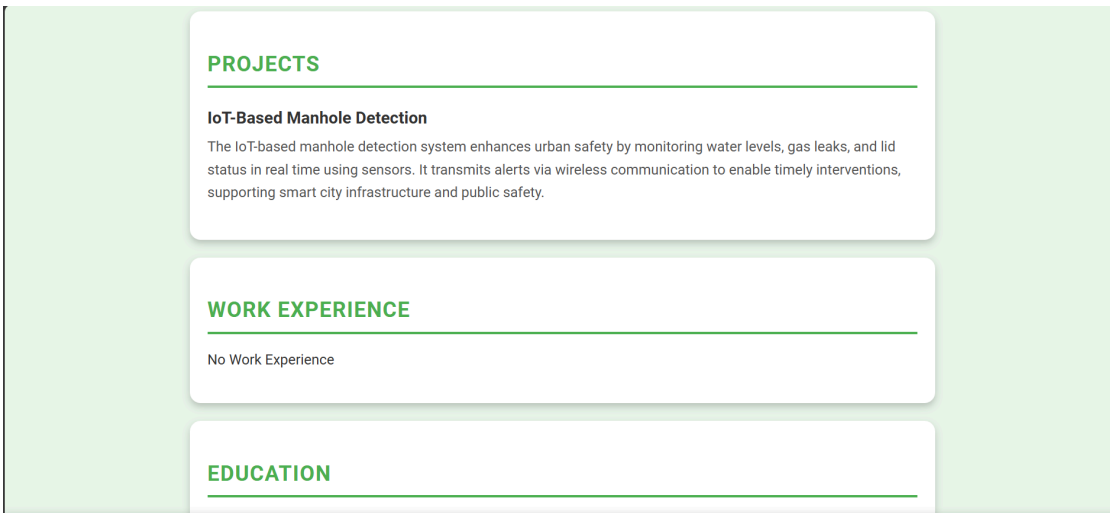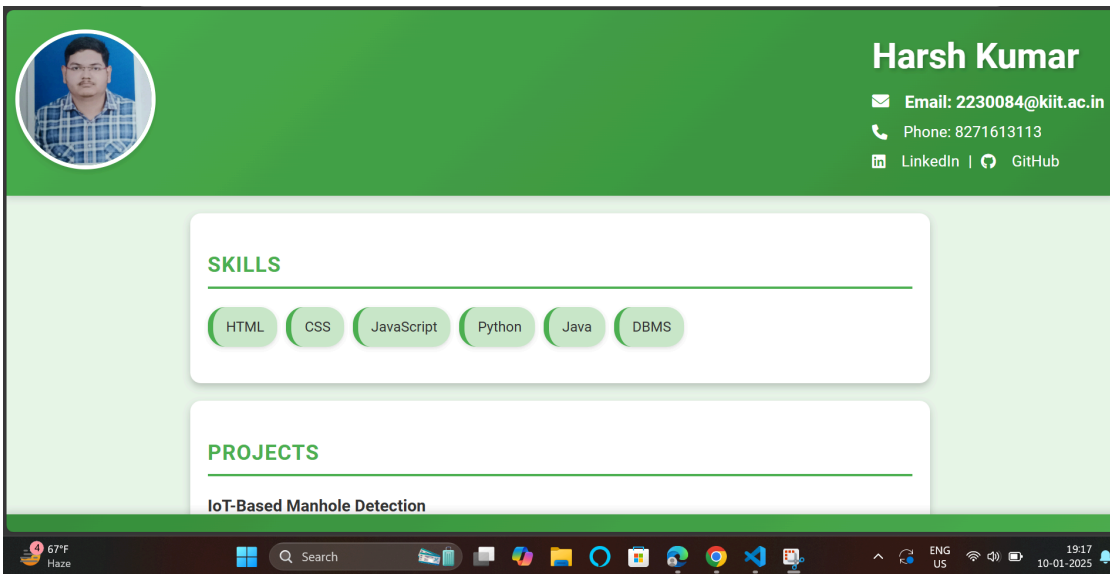
4.   Results/Output:- Entire Screen Shot including Date & Time

Harsh Kumar

✉ Email: 2230084@kiit.ac.in
📞 Phone: 8271613113
in LinkedIn | ⚙ GitHub

SKILLS

HTML CSS JavaScript Python Java DBMS

PROJECTS

IoT-Based Manhole Detection

PROJECTS

IoT-Based Manhole Detection

The IoT-based manhole detection system enhances urban safety by monitoring water levels, gas leaks, and lid status in real time using sensors. It transmits alerts via wireless communication to enable timely interventions, supporting smart city infrastructure and public safety.

WORK EXPERIENCE

No Work Experience

EDUCATION

EDUCATION

B.Tech in Electronics and Computer Science

Kalinga Institute of Industrial Technology (2022-2026)

Class XII

School Name: Marwari College

Board: BSEB

Year of Passing: 2022

Class X

School Name: Woodbine Modern School

Board: CBSE

Year of Passing: 2020

5.   Remarks:-

The HTML and CSS create a clean, professional resume with visually appealing design and responsive features. With minor adjustments to icon alignment, section emphasis, and photo scaling, it can achieve even greater usability and polish.

Signature of the Student   Signature of the Lab Coordinator

_____   _____

(Harsh Kumar)   (Name of the Coordinator)