LABORATORY REPORT
Application Development Lab
(CS33002)

B.Tech Program in ECSc

Submitted By

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Experiment Number	1
Experiment Title	Build a Resume using HTML/CSS
Date of Experiment	07.01.2025
Date of Submission	13.01.2025

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:-

HTML CODE

```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>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div class="resume">
    <header class="header">
      <h1>PRUTHIBIRAJ NAYAK</h1>
      <p>Bhubaneswar, India, 751002 | <a
href="mailto:2230183@kiit.ac.in">2230183@kiit.ac.in</a> |
        <a href="https://github.com/PruthibirajNayak"
target="_blank">GitHub</a>
      </p>
    </header>

    <section class="summary">
      <h2>Summary</h2>
```

```html
    <p>Diligent student eager to apply classroom knowledge to real-world
experiences, with a strong willingness to learn and contribute. Effective
communicator with a collaborative mindset, ready to bring fresh
perspectives and a strong work ethic to any team.</p>
    </section>
    <h2>Skills</h2>
    <section class="skills">
      <table>
        <thead>
            <tr>
                <th>Tech</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td>C, C++, Java, Python</td>
            </tr>
            <tr>
                <td>DSA</td>
            </tr>
            <tr>
                <td>MLOPs</td>
            </tr>
            <tr>
                <td>Data Science</td>
            </tr>
            <tr>
                <td>Web Development</td>
            </tr>
        </tbody>
    </table>
    <table>
        <thead>
            <tr>
                <th>HR/Management</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td>Leadership</td>
            </tr>
            <tr>
                <td>Organizational Behaviour</td>
            </tr>
            <tr>
                <td>Oration</td>
            </tr>
            <tr>
              <td>Decision Making</td>
```

```html
          </tr>
        </tbody>
      </table>
    </section>
    <section class="projects">
      <h2>Projects</h2>
      <div>
        <h3>Image Classification with CIFAR-10 Dataset Using CNN and Flask
Web Application</h3>
        <p>This project aims to develop a deep learning-based image
classification model using the CIFAR-10 dataset and deploy it as a web
application using Flask.</p>
        <a href="https://github.com/PruthibirajNayak/cifar10-image-
classifier" target="_blank">Github Link</a>
      </div>
      <div>
        <h3>House-Price Prediction</h3>
        <p>Simple prediction of a house based on its size and number of
bedrooms using a trained ML model with a web API.</p>
        <a href="https://github.com/PruthibirajNayak/house-price-
prediction" target="_blank">Github Link</a>
      </div>
    </section>
    <section class="education">
      <h2>Education</h2>
      <p><strong>Bachelor of Technology in Electronics and Computer
Science</strong>
        <i>with a minor in Financial Economics (using data
analytics)</i><br>
        School of Electronics Engineering, KIIT University<br>
        Grade: 9.0</p>
      <p><strong>High School</strong><br>
        Pure Science (Maths, Physics, Chemistry, Computer Science)<br>
        Loyola School<br>
        Percentage: 93%</p>
    </section>
    <section class="additional-info">
      <h2>Additional Information</h2>
      <p><strong>Languages:</strong> Odia, Hindi, English</p>
      <p><strong>Certifications:</strong> The Complete 2024 Web Development
Bootcamp, The Data Science Course (2024)</p>
      <p><strong>Activities/Awards:</strong> Assistant Coordinator of
"KURIOSITY" magazine at SOEE, Actor at KIIT Film Society, Anchor in Spic
Macay- KIIT Chapter, ISC Topper 2021-Gold Medal (Loyola School), Odisha
Tourism Debate Competition- Finalist, TATA Building Essay Competition-
Bronze Medal, Anvita Kollana Award- for highest mark in English Literature
in ICSE</p>
    </section>
  </div>
```

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

CSS SHEET

```css
/* style.css */

body {
  font-family: Arial, sans-serif;
  line-height: 1.6;
  margin: 0;
  padding: 0;
  background-color: beige; /* Background color */
  color: #333;
}
.resume {
  max-width: 800px;
  margin: 20px auto;
  background: #fff;
  padding: 20px;
  border-radius: 8px;
  box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
}
.header {
  text-align: center;
  margin-bottom: 20px;
}
.header h1 {
  font-size: 28px;
  margin: 0;
  color: brown; /* Changed heading font color to brown */
}
.header p {
  font-size: 14px;
  margin: 5px 0;
}
.header a {
  color: #0077cc; /* Default link color */
  text-decoration: none;
}
.header a:hover {
  color: #0056a3; /* Hover color */
}
.header a:visited {
  color: #551a8b; /* Visited link color */
}
.header a:active {
  color: #ff4500; /* Active (selected) link color */
}
```
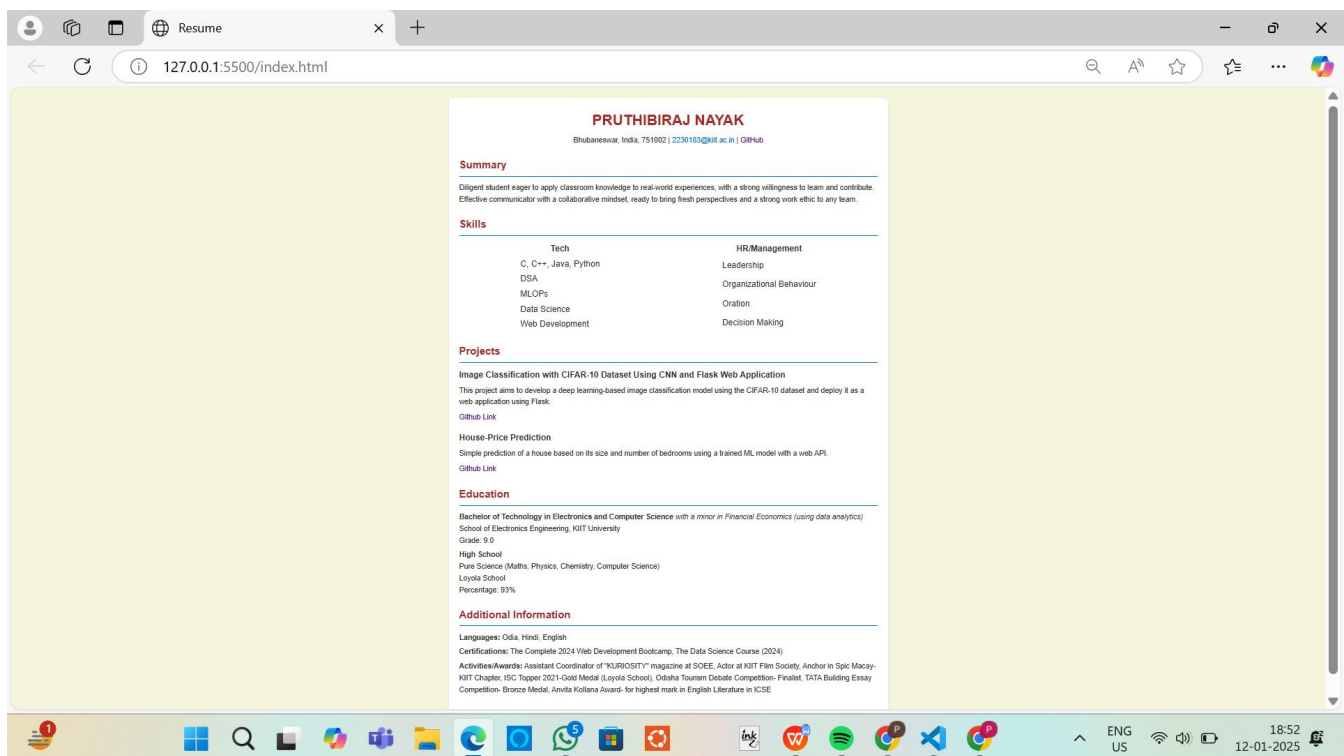
```css
section {
  margin-bottom: 20px;
}
h2 {
  font-size: 20px;
  border-bottom: 2px solid #0077cc;
  padding-bottom: 5px;
  margin-bottom: 10px;
  color: brown; /* Changed heading font color to brown */
}
p, ul, li {
  font-size: 14px;
  margin: 5px 0;
}
ul {
  list-style: square;
  padding-left: 20px;
}
li {
  margin-bottom: 5px;
}
.projects div {
  margin-bottom: 15px;
}
.projects h3 {
  font-size: 16px;
  margin: 5px 0;
  color: #333;
}
.projects a {
  font-size: 14px;
  color: #0077cc; /* Default link color */
  text-decoration: none;
}
.projects a:hover {
  color: #0056a3; /* Hover color */
}
.projects a:visited {
  color: #551a8b; /* Visited link color */
}
.projects a:active {
  color: #ff4500; /* Active (selected) link color */
}
.additional-info p {
  margin: 5px 0;
}
strong {
  font-weight: bold;
}
```

```
i {
  font-style: italic;
}
.skills{
  display:flex;
  justify-content: space-around;
}
```

4. Results/Output:- Entire Screen Shot including Date & Time

5. Remarks:-

The experiment successfully demonstrated the creation of a professional resume using HTML and CSS. Key sections were structured, hyperlinks to portfolios were integrated, and responsive design was achieved using Flexbox and Grid. Testing confirmed functionality and consistency across devices, showcasing the effective use of HTML for structure and CSS for styling to produce a modern, interactive, and professional resume.

Pruthibiraj Nayak (2230183)

_____   _____
(Name of the Student)   (Name of the Coordinator)