<u>LABORATORY REPORT</u>

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	09/01/2025
Date of Submission	13/01/2025

Objective:- **To design and develop a professional resume using HTML and CSS.**

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. Test the design across devices

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="styles.css">
</head>
<body>
    <div class="resume">
        <header>
            <h1>Ambrish Kalia</h1>
             <p class="subtitle">Aspiring IT Professional
| BTech 3rd Year</p>
                    <p>Email: 2230143@kiit.ac.in | Phone:
9142203252</p>
        </header>
```

```html
        <section>
            <h2>Education</h2>
            <ul>
                <li>
                        <strong>Bachelor of Technology
(BTech) in Computer Science</strong><br>
                    KIIT University, 2022 - Present<br>
                    GPA: 8.5/10
                </li>
                <li>
                    <strong>High School</strong><br>
                    Sacred Heart  School, 2020<br>
                    Percentage: 87%
                </li>
            </ul>
        </section>

        <section>
            <h2>Skills</h2>
            <ul class="skills">
                <li>Programming: Python, Java, C</li>
                <li>Databases: MySQL, MongoDB</li>
                <li>Tools: Git, VS Code</li>
            </ul>
        </section>

        <section>
            <h2>Projects</h2>
            <ul>
                <li>
                        <strong>Gesture-based
Typing</strong><br>
                    Using Computer Vision and Pattern
Recognition
                    1. Python (v3.7+)
                      2. OpenCV: For image processing and
video capture
```

```
                        3. Mediapipe: A library for real-time
hand and body landmark detection
                        4. Numpy: For array operations.
                               5. PyAutoGUI (optional): For
simulating keyboard presses
              </li>
          </ul>
       </section>
    </div>
</body>
</html>
```

CSS:-

```
body {
   font-family: Arial, sans-serif;
   margin: 0;
   padding: 0;
   background-color: #f4f4f9;
   color: #333;
}

.resume {
   max-width: 800px;
   margin: 20px auto;
   padding: 20px;
   background: #fff;
   border-radius: 8px;
   box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
}
```

```css
header {
    text-align: center;
    margin-bottom: 20px;
}

header h1 {
    margin: 0;
    font-size: 2em;
    color: #2c3e50;
}

header .subtitle {
    font-size: 1.2em;
    color: #7f8c8d;
}

section {
    margin-bottom: 20px;
}

section h2 {
    border-bottom: 2px solid #3498db;
    padding-bottom: 5px;
    color: #2c3e50;
}

ul {
    list-style: none;
    padding: 0;
```
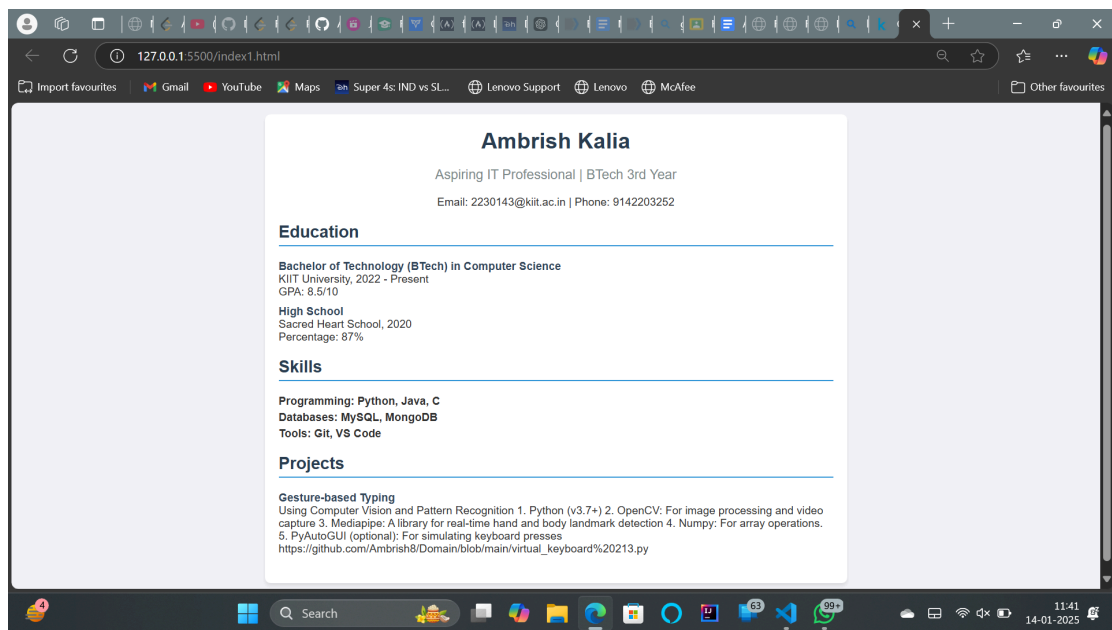
```
}

ul li {
    margin-bottom: 10px;
}

ul.skills li {
    margin-bottom: 5px;
    font-weight: bold;
}

strong {
    color: #34495e;
}
```

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

5. Remarks:-

The resume is designed with a clean, well-structured layout using HTML for semantic content organization and CSS for styling, enhanced by flexbox for responsiveness across devices, thoughtfully chosen fonts and spacing for readability, clearly categorized sections for clarity, and interactive hyperlinks for contact information, meeting the professional standards of a modern resume.

Signature of the Student
_____
(Name of the Student)

Signature of the Lab Coordinator
_____

Ambrish Kalia

(Name of the Coordinator)