

LABORATORY REPORT  
**Application Development Lab**  
**(CS33002)**

**B.Tech Program in ECSc**

Submitted By

**Name:- Bhairav Ganguly**

**Roll No: 2230246**



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

Spring 2024-2025

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<b>Experiment Number</b>	1
<b>Experiment Title</b>	Build a Resume using HTML/CSS
<b>Date of Experiment</b>	07/01/2025
<b>Date of Submission</b>	11/01/2025

**Github Repo link :**

[https://github.com/bhairavganguly/MyResume\\_Lab1.git](https://github.com/bhairavganguly/MyResume_Lab1.git)

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

**2. Procedure:-**

**Creating the HTML File:** First, we specified the fundamental format of the resume in an HTML file called index.html. After establishing the document type, language, and meta tags, the header, education, experience, projects, technical skills, and coursework parts were created.

**Structuring the Content:** Within the HTML file, we organized the content into appropriate sections using <div> elements. We added headings (<h1> and <h2>), paragraphs, and lists to present personal information, educational background, work experience, project descriptions, and technical skills clearly.

**Creating the CSS File:** To style the resume, we then developed a distinct CSS file called styles.css. Using variables like background-color, font-size, color, and padding, we established styles for the body, header, sections, and text elements in this file to improve the resume's readability and visual appeal.

**Implementing Responsive Design:** CSS media queries were utilized to make sure the résumé displayed well on a range of devices. This made it possible for us to modify the design and style to fit various screen sizes, guaranteeing that the resume would seem neat and well-structured on desktop and mobile devices alike.

**Reviewing and Finalizing:** Finally, reviewed the HTML and CSS code for any errors or inconsistencies. Tested the resume in different

browsers to ensure compatibility and made any necessary adjustments before saving the final version, ready for submission or sharing.

### 3. Code:-

#### index.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Bhairav Ganguly Resume</title>
  <link rel="stylesheet" href="resume.css">
</head>
<body>
  <header>
    <h1>Bhairav Ganguly</h1>
    <p>Software Engineer </p>
    <!-- Profile Picture -->
    
    <p>Email: <a
href="mailto:bhairavganguly@gmail.com">bhairavganguly@gmail.com</a> | Phone: <a
href="tel:9748896877">9748896877</a></p>
    <p>
      <a href="https://www.linkedin.com/in/bhairav-ganguly-6655782b4/"
target="_blank">LinkedIn</a> |
      <a href="https://github.com/bhairavganguly" target="_blank">GitHub</a>
    </p>
  </header>
  <section>
    <h2>Skills</h2>
    <ul>
      <li><strong>Programming languages:</strong> Python, C</li>
      <li><strong>Web Development:</strong> HTML, CSS, React</li>
      <li><strong>Database Management:</strong> MySQL, PostgreSQL</li>
    </ul>
  </section>
  <section>
    <h2>Education</h2>
    <p><strong>B.Tech in Electronics and Computer Science Engineering</strong></p>
    <p>Kalinga Institute of Industrial Technology, Bhubaneswar (2022 – 2026)</p>
  </section>
```

```
<section>
  <h2>Professional Experience</h2>
  <p><strong>Intern | JK Tech</strong> (June 2022 – July 2022, Kolkata)</p>
  <ul>
    <li>Developed a seamless and responsive front-end interface using React.</li>
    <li>Implemented SQL-based database management and Python back-end logic.</li>
    <li>Integrated Llama3 Gen AI model for PDF summarization.</li>
  </ul>
</section>
<section>
  <h2>Projects</h2>
  <h3>AI-Enhanced Library Management System</h3>
  <ul>
    <li>Designed responsive UI using React.</li>
    <li>Built back-end logic in Python and created RESTful APIs.</li>
    <li>Integrated Llama3 Gen AI for PDF summarization.</li>
  </ul>
  <h3>Sales Dashboard and Forecasting</h3>
  <ul>
    <li>Integrated data from multiple sources, cleaned, and modeled it in Power BI.</li>
    <li>Created interactive dashboards and performed time series analysis.</li>
  </ul>
</section>
</body>
</html>
```

### style.css

```
body {

  font-family: Arial, sans-serif;

  line-height: 1.6;

  margin: 0;

  padding: 0;

  background-color: #f4f4f9;

  color: #333;

}
```

```
header {  
  
    background: #0c224e;  
  
    color: #fff;  
  
    text-align: center;  
  
    padding: 20px 0;  
  
}
```

```
header a {  
  
    color: #fff;  
  
    text-decoration: none;  
  
}
```

```
header a:hover {  
  
    text-decoration: underline;  
  
}
```

```
section {  
  
    margin: 20px auto;  
  
    padding: 20px;  
  
    max-width: 800px;  
  
    background: #fff;  
  
    border-radius: 8px;
```

```
    box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);  
}
```

```
h1, h2, h3 {  
    color: #0078d4;  
}
```

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

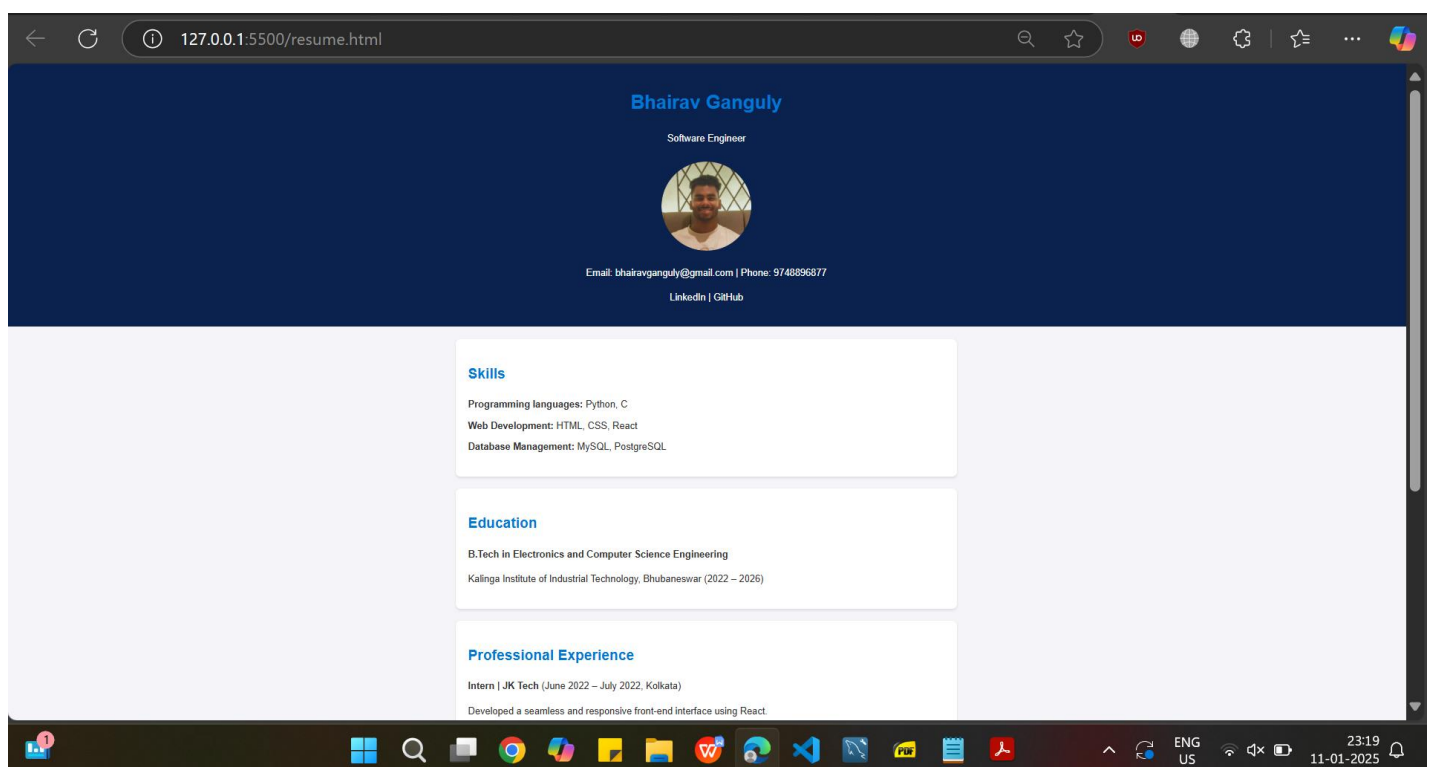
```
ul li {  
    margin-bottom: 10px;  
}
```

```
header img {  
    width: 150px;  
    height: 150px;  
    border-radius: 50%;  
    object-fit: cover;  
    margin-top: 10px;
```

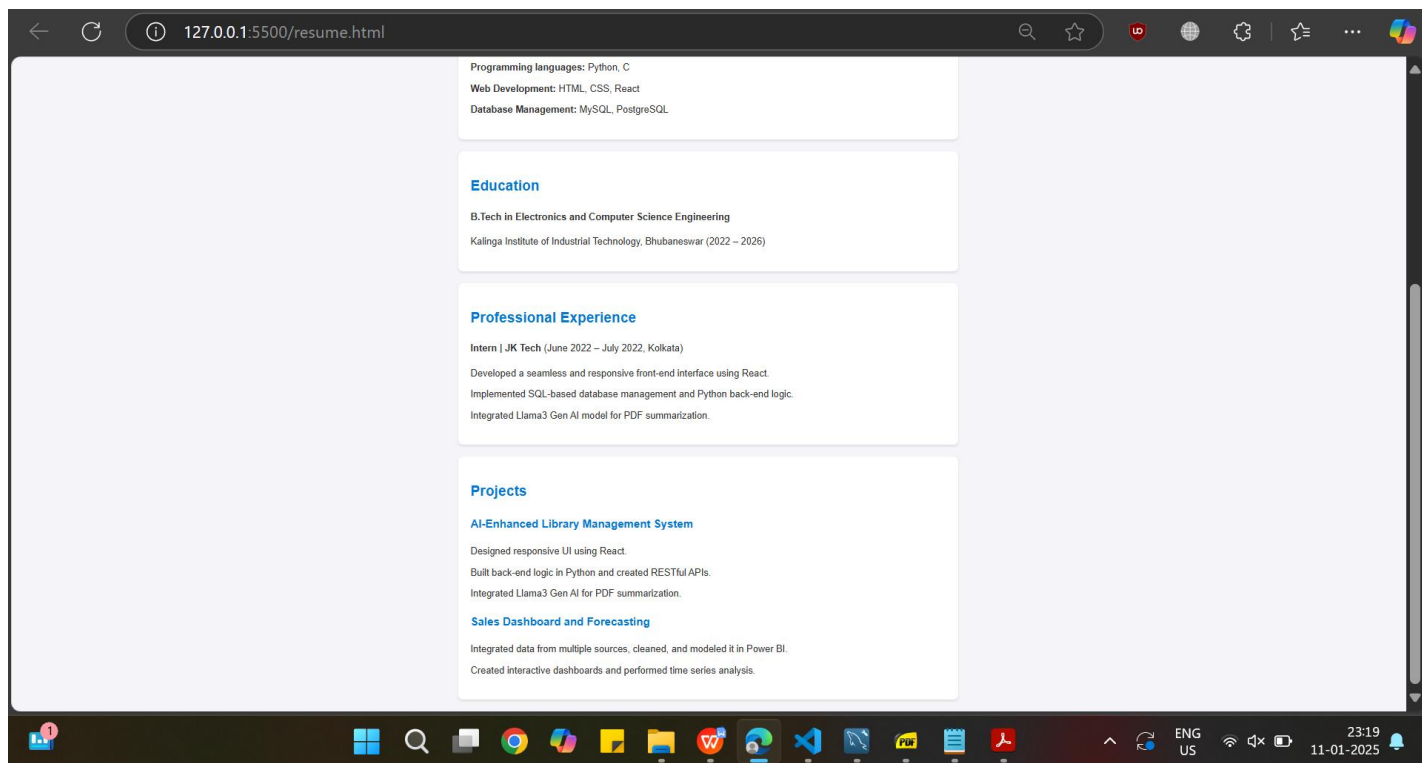
```
}
```

```
.profile-pic {  
    width: 150px;  
    height: 150px;  
    border-radius: 50%;  
    object-fit: cover;  
    object-position: center;  
    margin-top: 10px;  
}
```

#### 4. Results/Output:-







## 5. Remarks:-

Signature of the Student

Bhairav Ganguly

(Name of the Student)

Signature of the Lab Coordinator

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(Name of the Coordinator)