

LABORATORY REPORT
Application Development Lab (CS33002)

B.Tech Program in ECSc

Submitted By

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

Spring 2024-2025

Table of Content

Exp No.	Title	Date of Experiment	Date of Submission	Remarks
1.	Build a Resume using HTML/CSS	07/01/2025	13/01/2025	
2.	1. 2. 3.			
3.				
4.				
5.				
6.				
7.				
8.				
9.	Open Ended 1			
10.	Open Ended 2			

Experiment Number	1
Experiment Title	Build a Resume using HTML/CSS
Date of Experiment	07/01/2025
Date of Submission	13/01/1025

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

2. Procedure:- (Steps Followed)

- **Setup the Project:**

- Create a folder for your project.
- Inside the folder, create two files: `index.html` and `style.css`.

- **HTML Structure:**

- Open the `index.html` file and define the basic HTML structure:
 - Add the `DOCTYPE` declaration for HTML5.
 - Create the `html`, `head`, and `body` sections.
 - In the `head`, link to the CSS file using `<link rel="stylesheet" href="style.css">`.

- **Design the Layout:**

- Use a `div` with a class of `container` to hold the resume structure.
- Create two sections:
 - **Profile Section:**
 - Add a `div` with the class `profile` for the left-hand sidebar.
 - Include a `profile-photo` and `profile-info` for personal details.
 - **Resume Section:**
 - Add a `div` with the class `resume` for the main content.
 - Include child sections like `about`, `education`, `projects`, and `skills`.

- **Style the Components:**

- Open `style.css` to define styles for the template:
 - Set up a responsive grid using Flexbox in `.container`.
 - Add custom styles for colors, font sizes, and spacing.
 - Style specific sections like `.profile`, `.resume`, and their child elements.

- **Profile Section:**

- Use a `div` with the class `profile-photo` to display a profile image.
- Add personal details (e.g., name, contact information) in `profile-info`.
- Include a `languages` section with styled circular progress bars.

- **Resume Section:**
 - **About Section:**
 - Add the candidate's name, position, and location in styled headings.
 - **Education Section:**
 - Use a list (``) with list items (``) for institutions, dates, and qualifications.
 - **Projects Section:**
 - Display a list of projects, each with a title, date, and description.
 - **Skills Section:**
 - Use horizontal progress bars to visually represent skill levels.
- **Make It Responsive:**
 - Add `@media` queries in `style.css` to handle different screen sizes:
 - Adjust the layout for tablets (`max-width: 768px`) and phones (`max-width: 480px`).
 - Ensure content stacks vertically on smaller devices.
- **Testing and Optimization:**
 - Open the `index.html` file in a web browser to view the resume.
 - Test the responsiveness by resizing the browser window.
 - Validate the HTML and CSS using online tools like W3C Validator.
- **Deployment:**
 - Host the project using GitHub Pages, Netlify, or any static web hosting service.
 - Ensure the profile image (`profile.png`) is available in the project directory.

3. Code:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Resume Template</title>
  <style>
    html {
      box-sizing: border-box;
    }
    *, *:after, *:before {
      box-sizing: inherit;
```

```
}  
.container {  
  display: flex;  
  max-width: 960px;  
  background-color: #eaeaea;  
  justify-content: space-between;  
  margin: 20px auto;  
  box-shadow: 1px 1px 10px rgba(0,0,0,0.1)  
}  
.profile {  
  flex-basis: 35%;  
  background-color: #39383a;  
  color: #ababab;  
}  
.profile-photo {  
  height: 270px;  
  background-image: url(./profile.png);  
  background-size: cover;  
  background-position: top;  
  background-repeat: no-repeat;  
}  
.profile-info {  
  padding-left: 30px;  
  padding-right: 30px;  
  padding-top: 50px;  
  padding-bottom: 70px;  
}  
.profile-text {  
  font-size: 13px;  
  line-height: 24.19px;  
  margin-bottom: 50px;  
}  
.heading {  
  margin: 0;  
  padding-bottom: 16px;  
  text-transform: uppercase;  
  font-weight: 700;  
}  
.heading-light {
```

```
    color: #ffffff;
    border-bottom: 2px #5a5a5a dashed;
}

.contacts {
    margin-bottom: 70px;
}

.contacts-title {
    color: #fff;
    margin-bottom: 13px;
    font-size: 16px;
    font-weight: 400;
}

.contacts-text {
    color: #ababab;
    text-decoration: none;
    padding-left: 27px;
    line-height: 20.97px;
}

.contacts-item {
    padding-top: 24px;
    padding-bottom: 24px;
    border-bottom: 2px #5a5a5a dashed;
}

address {
    font-style: normal;
}

.fas {
    margin-right: 7px;
}

.languages {
    display: flex;
    flex-wrap: wrap;
    padding-top: 40px;
}

.language {
    width: 100px;
    height: 100px;
    border: 6px solid #5c5c5c;
    border-radius: 50%;
```

```
display: flex;
justify-content: center;
align-items: center;
flex-direction: column;
margin-bottom: 30px;
margin-right: 30px;
}
.language:nth-child(3) {
margin-bottom: 0;
}
.language-text {
text-transform: uppercase;
font-size: 11px
}
.languages-per {
font-size: 15px;
font-weight: 600;
}
.lines {
display: flex;
flex-direction: column;
justify-content: center;
}
.line {
display: block;
width: 90px;
height: 2px;
background-color: #5c5c5c;
margin-top: 10px;
margin-bottom: 10px;
}
.line:nth-child(2) {
width: 100px;
margin-left: 20px;
}
.resume {
padding: 25px 30px;
flex-basis: 63%;
background-color: #fff;
```

```
}  
.resume-wrap {  
  padding: 36px 56px;  
  border: 1px solid rgba(168, 168, 168, 0.44);  
  min-height: 100%;  
}  
.logo {  
  display: flex;  
  justify-content: center;  
  margin-bottom: 38px;  
}  
.logo-img {  
  width: 90px;  
  height: 90px;  
  border: 1px solid #39383a;  
  border-radius: 50%;  
  display: flex;  
  justify-content: center;  
  align-items: center;  
}  
.logo-lines {  
  display: flex;  
  align-items: center;  
  justify-content: center;  
  flex-direction: column;  
  margin-left: 17px;  
  margin-right: 17px;  
}  
.logo-line {  
  width: 43px;  
  height: 2px;  
  background-color: #39383a;  
  margin-top: 10px;  
  margin-bottom: 10px;  
}  
.logo-lines_left .logo-line:nth-child(2) {  
  margin-right: 20px;  
  width: 55px;  
}
```



```
.logo-lines_right .logo-line:nth-child(2) {  
    margin-left: 20px;  
    width: 55px;  
}  
  
.about {  
    padding-bottom: 30px;  
    border-bottom: 1px solid #e0e0e0;  
    text-align: center;  
    margin-bottom: 40px;  
}  
  
.name {  
    font-size: 16px;  
    text-transform: uppercase;  
    letter-spacing: 10.75px;  
    margin-bottom: 10px;  
}  
  
.position {  
    display: inline-block;  
    font-size: 9px;  
    text-transform: uppercase;  
    color: #808080;  
    margin-bottom: 30px;  
}  
  
.about-address {  
    font-size: 13px;  
    margin-bottom: 15px;  
    font-family: Roboto;  
}  
  
.about-contacts {  
    font-size: 8px;  
}  
  
.about-contacts__link {  
    text-decoration: none;  
    color: #777777;  
}  
  
.heading_dark {  
    font-size: 16px;  
    font-weight: 400;  
    border-bottom: 1px solid #e0e0e0;
```

```
margin-bottom: 37px;
}
.list {
list-style: none;
padding-left: 0;
}
.list-item {
position: relative;
padding-left: 40px;
padding-bottom: 30px;
margin-bottom: 30px;
border-bottom: 2px dashed #ececec;
}
.list-item:before {
content: "";
position: absolute;
left: 0;
top: 3px;
width: 9px;
height: 9px;
border-radius: 50%;
background-color: #000;
}
.list-item__title {
font-size: 11px;
text-transform: uppercase;
margin-bottom: 5px;
}.list-item__date {
font-size: 10px;
text-transform: uppercase;
}
.list-item__text {
font-size: 10px;
color: #777;
}
.list-item_non-border {
border: none;
}
.heading_skills {
```

```
margin-bottom: 48px;
}
.skills-list {
list-style-type: none;
padding-left: 0;
}
.skills-list__item {
margin-bottom: 30px;
text-transform: uppercase;
font-size: 11px;
display: flex;
justify-content: space-between;
}
.level {
width: 70%;
height: 8px;
border: 1px solid #39383a;
position: relative;
}
.level:before {
content: "";
position: absolute;
left: 0;
top: 0;
height: 100%;
background-color: #898989;
}
.level-80:before {
width: 80%;
}
.level-90:before {
width: 90%;
}
.level-50:before {
width: 50%;
}

@media (max-width: 1024px) {
.container {
```

```
width: 90%;  
}  
  
@media (max-width: 992px) {  
  .container {  
    flex-direction: column;  
    width: 70%;  
  }  
  .profile-photo {  
    width: 200px;  
    height: 200px;  
    border: 3px solid #fff;  
    margin: auto;  
    margin-top: 40px;  
  }  
  .profile {  
    position: relative;  
  }  
  .profile:before {  
    content: "";  
    width: 100%;  
    height: 150px;  
    background-color: #03A9F4;  
    display: block;  
    position: absolute;  
  }  
  .profile-photo {  
    position: relative;  
    z-index: 0;  
  }  
  .lines {  
    display: none;  
  }  
}  
  
@media (max-width: 768px) {  
  .container {  
    width: 80%;  
  }  
}
```

```
.resume {  
  padding: 10px;  
}  
  
.resume-wrap {  
  padding-left: 20px;  
  padding-right: 20px;  
}  
  
.list-item__title {  
  font-size: 14px;  
}  
  
.list-item__date {  
  font-size: 12px;  
}  
  
.list-item__text {  
  font-size: 12px;  
  line-height: 1.4;  
}  
  
.about-contacts__link {  
  display: block;  
  font-size: 13px;  
}  
}  
  
@media (max-width: 567px) {  
  .logo-img {  
    width: 70px;  
    height: 70px;  
  }  
  
  .logo-lines {  
    margin-left: 8px;  
    margin-right: 8px;  
  }  
}  
  
@media (max-width: 480px) {  
  .logo {  
    display: none;  
  }  
  
  .container {  
    min-width: 320px;  
  }  
}
```

```
.name {
  letter-spacing: normal;
}

.level {
  width: 50%;
}

}

</style>
</head>
<body>
  <div class="container">
    <div class="profile">
      <div class="profile-photo"></div>
      <div class="profile-info">
        <h2 class="heading heading-light">
          Profile
        </h2>
        <p class="profile-text">
          Hello! I'm Aman. Aspiring Web Developer with a strong foundation in programming and problem-solving.
          Proficient in JavaScript, SQL, and Python with experience in blockchain, software engineering, and full-stack
          development.
        </p>
        <div class="contacts">
          <div class="contacts-item">
            <h3 class="contacts-title">
              <i class="fas fa-phone-volume"></i>
              Phone
            </h3>
            <a href="tel:+919876543210" class="contacts-text">+91-9876543210</a>
          </div>
          <div class="contacts-item">
            <h3 class="contacts-title">
              <i class="fas fa-envelope"></i>
              Email
            </h3>
            <a href="mailto:aman@example.com" class="contacts-text">aman@gmail.com</a>
          </div>
          <div class="contacts-item">
```

<h3 class="contacts-title">

<i class="fas fa-map-marker-alt"></i>

Location

</h3>

<address class="contacts-text">

Bihar, India

</address>

</div>

</div>

<h2 class="heading heading-light">Languages</h2>

<div class="languages">

<div class="language">

English

<strong class="languages-per">100%

</div>

<div class="language">

Hindi

<strong class="languages-per">100%

</div>

</div>

</div>

</div>

<div class="resume">

<div class="resume-wrap">

<div class="about">

<h1 class="name">Aman</h1>

Web Developer / Software Engineer

<address class="about-address">Bihar, India</address>

<div class="about-contacts">

LinkedIn

 |

Github

 |

LeetCode

</div>

</div>

<div class="education">

<h2 class="heading heading_dark">

Education

</h2>

<ul class="list">

<li class="list-item list-item_non-border">

<h4 class="list-item__title">Kalinga Institute of Industrial Technology</h4>

2022 – 2026

<p class="list-item__text">B.Tech - Electronics and Computer Science Engineering - CGPA: 8.2, Bhubaneswar, Odisha</p>

<li class="list-item list-item_non-border">

<h4 class="list-item__title">DAV Public School Sec-4</h4>

2021

<p class="list-item__text">Higher Secondary Education - Percentage: 89.4, Bokaro, Jharkhand</p>

<li class="list-item list-item_non-border">

<h4 class="list-item__title">DAV Public School Dayanand Vihar</h4>

2019

<p class="list-item__text">Secondary Education - Percentage: 86.4, Aurangabad, Bihar</p>

</div>

<div class="projects">

<h2 class="heading heading_dark">

Projects

</h2>

<ul class="list">

<li class="list-item">

<h4 class="list-item__title">Calculator</h4>

2024

<p class="list-item__text">Developed a functional calculator using JavaScript, HTML, and CSS with real-time calculation capabilities.</p>

<li class="list-item">

<h4 class="list-item__title">Portfolio</h4>

2024

<p class="list-item__text">Created a visually appealing portfolio showcasing projects and enhancing visibility.</p>

<li class="list-item">

<h4 class="list-item__title">Blockchain Vehicle Transactions</h4>

2024

<p class="list-item__text">Engineered a blockchain-based solution to secure and verify vehicle transactions using Solidity and Python.</p>

</div>

<div class="skills">

<h2 class="heading heading_dark heading_skills">

Skills

</h2>

<ul class="skills-list">

<li class="skills-list__item">

Python

<div class="level level-90"></div>

<li class="skills-list__item">

JavaScript

<div class="level level-85"></div>

<li class="skills-list__item">

HTML & CSS

<div class="level level-90"></div>

</div>

</div>

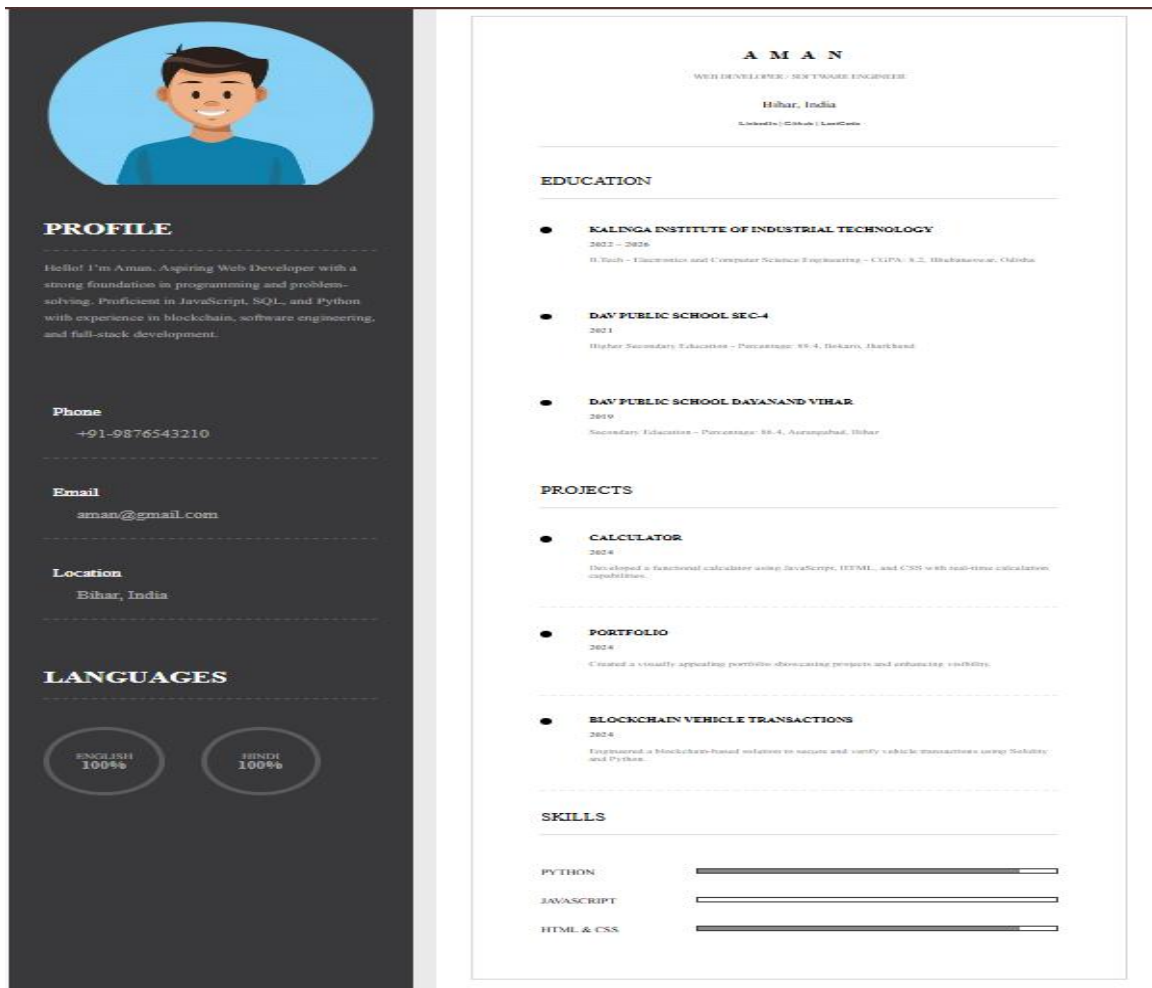
</div>

</div>

</body>

</html>

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



5. Remarks:-

Signature of the Student

(Name of the Student)

Signature of the Lab Coordinator

(Name of the Coordinator)