LABORATORY  REPORT

# Application Development Lab (CS33002)

**B.Tech Program in ECSc**

Submitted By

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**(Deemed to be University)**
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| Experiment Number | 1 |
|---|---|
| Experiment Title | Build a Resume using HTML/CSS |
| Date of Experiment | 6/1/25 |
| Date of Submission | 14/1/25 |

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

### 2. Procedure:-
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, Project 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>Portfolio</title>
    <link rel="stylesheet" href="/portfolio/style.css">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;600;700&display=swap"
rel="stylesheet">
</head>
<body>
    <header>
        <nav>
            <div class="left">Arunodoy's Portfolio</div>
            <div class="right">
                <ul>
                    <li><a href="/">Home</a></li>
                    <li><a href="/">About</a></li>
                    <li><a href="/">Projects</a></li>
```

```html
                    <li><a href="/">Contact Me</a></li>
                </ul>
            </div>
        </nav>
    </header>
    <main>
        <section class="firstsection">
                <div class="leftsection">
                 <p>
                        Hello! My name is <span class="black">Arunodoy</span>. I am an aspiring
software developer, passionate about exploring new technologies and solving real-world
problems.
                        With a basic level of understanding in backend development and an
intermediate level in programming, I'm eager to learn more.
                 </p>
                    <div class="buttons">
                        <a href="https://github.com/Arunodoy02">GITHUB</a>
                        <a
href="https://drive.google.com/file/d/1XhKAwGhG0tThv2VjjuF1DoPcRDSeg0YX/view?usp=drive_link"
>RESUME</a>
                        <a href="https://www.linkedin.com/in/arunodoy-ghosh-
5aa009267/">LINKEDIN</a>
                        <a href="https://mail.google.com/mail/u/0/?tab=rm&ogbl#inbox">GMAIL</a>
                    </div>
                </div>
                <div class="rightsection">
                    <img
src="https://camo.githubusercontent.com/5046cb083418fd1922b7f5990e594c3bb06f5d87e5516cd8839a
e0aa48b3aec4/68747470733a2f2f696d616765732e737175617265737061636512d63646e2e636f6d2f636f6e746
56e742f76312f353736396663334303162363331626261623161646462261622f31353431353838303631313632342d5
445363451474b524a4738535741495553374e532f6b6531375a77644742546f6464493870446d34386b506f73776
c7a6a53564d4d2d53784f703743563539425a772d7a505067646e346a557756634a45315a7657515578776b6d794
578676c4e714770304976544a5a616d574c49327a7659375483384b332d735f3479737a63373032727295449304871544
f6161556f68724938503504936465879386339505774426c7141566c555335697a7064634958454945a714459767072527
15a32395077306f2f2f636f64696e672d667265616b2e676966" alt="Arunodoy Image">
                </div>
        </section>

        <section class="secondsection">
            <hr>
            <span class="section-title">Academic Qualifications</span>
            <div class="qualification-container">
                <div class="qualification-card">
                    <h2>B.Tech in Electronics & Computer Science</h2>
                    <p>KIIT University</p>
                    <p>CGPA: <strong>8.17</strong></p>
                </div>
            </div>
        </section>
        <section class="secondsection">
            <hr>
            <span class="section-title">Projects</span>
            <div class="project-container">
```

```html
                <div class="project-card">
                    <h2>Real-Time Location Tracking App</h2>
                    <p>An app that tracks real-time location using GPS, allowing users to
see their position on a map.</p>
                </div>
                <div class="project-card">
                    <h2>Chatbot</h2>
                    <p>A conversational chatbot that automates responses based on predefined
logic for user interaction made using NODE and EXPRESS JS with MONGO as a database</p>
                </div>
            </div>
        </section>
        <section class="secondsection">
            <hr>
            <span class="section-title">What I Have Done So Far</span>
            <h1 class="tech-heading">Technologies I Know</h1>
            <div class="tech-container">
                <div class="tech-card">
                    <h2>Back-End Development</h2>
                    <p>Node.js, Express.js, MongoDB</p>
                </div>
                <div class="tech-card">
                    <h2>Programming Languages</h2>
                    <p>Java</p>
                </div>
                <div class="tech-card">
                    <h2>Core Fundamentals</h2>
                    <p>OOPs, DBMS, OS</p>
                </div>
            </div>
        </section>
        <footer>
            <div class="flex">
                <div class="second">
                    <ul>
                        <li>HOME</li>
                        <li>CONTACT US</li>
                        <li>ABOUT</li>
                    </ul>
                </div>
                <div class="third">
                        <p>&copy; 2025 Arunodoy Ghosh. All rights reserved.</p>
                </div>
            </div>
        </footer>
    </main>
</body>
</html>
```

style.css

```css
* {
    padding: 0;
    margin: 0;
    box-sizing: border-box;
}

body {
    background-color: rgb(68, 66, 66);
    color: white;
    font-family: 'Poppins', sans-serif;
    font-size: 16px;
}
nav {
    display: flex;
    justify-content: space-around;
    align-items: center;
    height: 90px;
    background-color: black;
    font-size: 18px;
}
nav ul {
    display: flex;
    justify-content: center;
}
nav ul li {
    list-style: none;
    margin: 0 23px;
    font-weight: 500;
}
nav ul li a {
    text-decoration: none;
    color: inherit;
}
nav ul li a:hover {
    color: white;
}
/* First Section */
.firstsection {
    display: flex;
    justify-content: space-around;
    align-items: center;
    margin: 23px 0;
    font-size: 20px;
}
.firstsection > div {
    width: 30%;
}
.leftsection {
    margin: 30px 0;
    line-height: 1.8;
}
.rightsection {
```
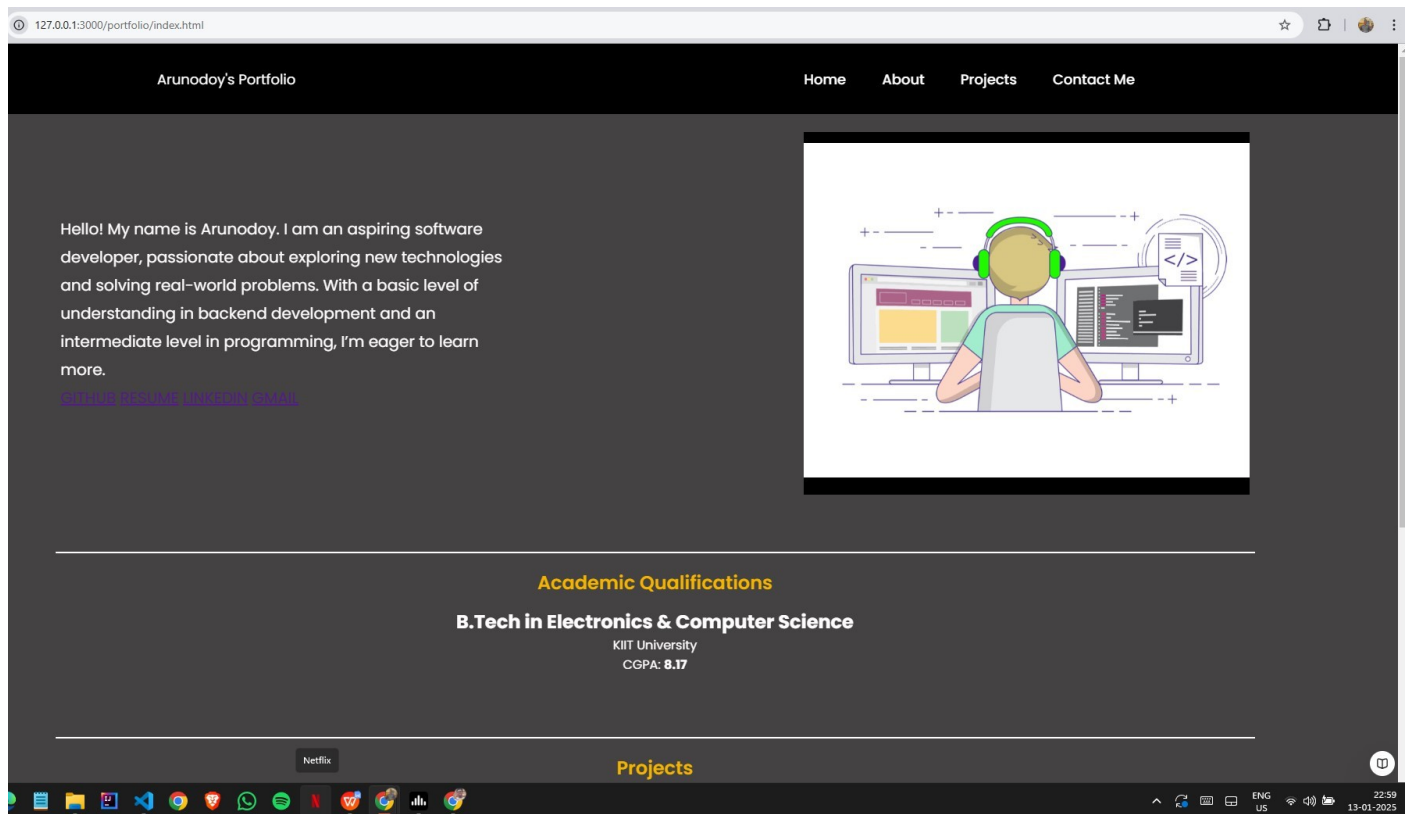
```css
    background-color: black;
}
.rightsection img {
    width: 100%;
    margin: 14px 0;
}
.secondsection {
    max-width: 80vw;
    margin: auto;
    padding: 30px 0;
    text-align: center;
}
.secondsection hr {
    border: 1px solid white;
    margin: 20px 0;
}.section-title {
    font-size: 24px;
    font-weight: 600;
    margin-bottom: 15px;
    display: block;
    color: #f4b400;
}
.tech-heading {
    font-size: 2rem;
    margin: 15px 0;
    color: #34a853;
}
.tech-container {
    display: flex;
    flex-wrap: wrap;
    justify-content: center;
    gap: 20px;
    margin-top: 20px;
}
.tech-card {
    background-color: black;
    border: 1px solid #34a853;
    border-radius: 8px;
    padding: 20px;
    width: 300px;
    text-align: center;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3);
    transition: transform 0.3s, box-shadow 0.3s;
}
.tech-card h2 {
    font-size: 1.5rem;
    color: #f4b400;
    margin-bottom: 10px;
}
.tech-card p {
    font-size: 1.1rem;
    line-height: 1.6;
}
.tech-card:hover {
```
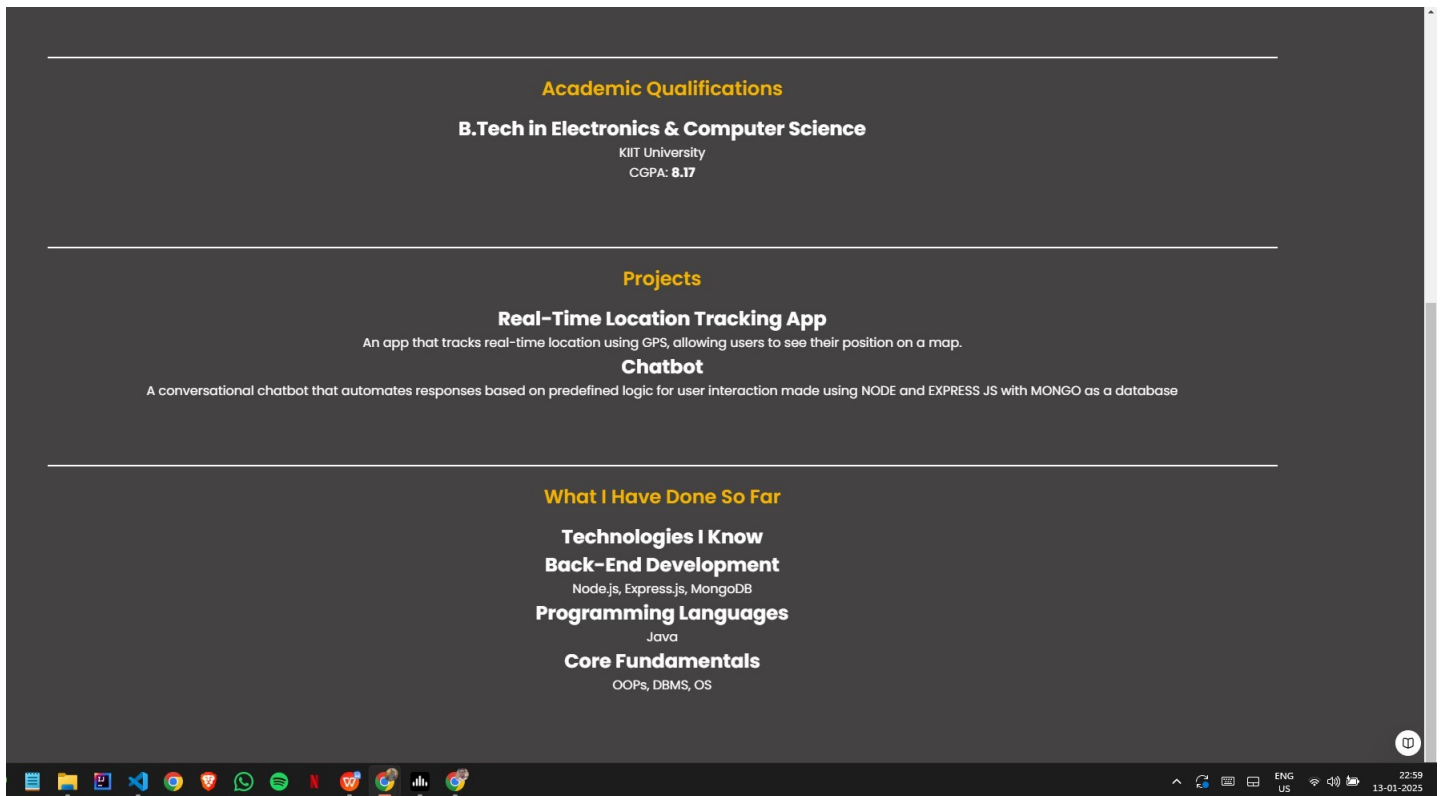
```css
        transform: scale(1.05);
        box-shadow: 0 6px 12px rgba(0, 0, 0, 0.5);
}
footer {
        background-color: black;
        padding: 40px 0;
        text-align: center;
        color: white;
}
footer .flex {
        display: flex;
        flex-direction: column;
        align-items: center;
        gap: 20px;
}
footer h2 {
        font-size: 1.8rem;
        color: #f4b400;
        margin-bottom: 15px;
}
footer ul {
        list-style: none;
        display: flex;
        gap: 30px;
        padding: 0;
}
footer ul li {
        font-size: 1rem;
        font-weight: 500;
        cursor: pointer;
        transition: color 0.3s;
}
footer ul li:hover {
        color: #34a853;
}
.leftsection .buttons {
        margin-top: 20px;
        display: flex;
        gap: 15px;
}
.leftsection .buttons a {
        text-decoration: none;
        padding: 10px 15px;
        font-size: 1rem;
        font-weight: 500;
        color: white;
        background-color: #34a853;
        border-radius: 5px;
        transition: background-color 0.3s, transform 0.2s;
        text-align: center;
        display: inline-block;
}
```

```
.leftsection .buttons a:hover {
    background-color: #2d8b44;


}
```

## 4. Results/Output:-

**Academic Qualifications**

**B.Tech in Electronics & Computer Science**
KIIT University
CGPA: **8.17**

**Projects**

**Real-Time Location Tracking App**
An app that tracks real-time location using GPS, allowing users to see their position on a map.

**Chatbot**
A conversational chatbot that automates responses based on predefined logic for user interaction made using NODE and EXPRESS JS with MONGO as a database

**What I Have Done So Far**

**Technologies I Know**
**Back-End Development**
Node.js, Express.js, MongoDB
**Programming Languages**
Java
**Core Fundamentals**
OOPs, DBMS, OS

**5.Conclusion:-**

This portfolio showcases my journey as a software developer. Through projects like the Real-Time Tracking App and Chat-bot, I've applied my knowledge of back-end development and programming to create practical solutions. These experiences have deepened my understanding of technology, and I'm excited to continue learning and tackling new challenges in the software development field.

**ARUNODOY GHOSH**
Signature of the Student                                  Signature of the Lab Coordinator

_____                        _____

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