

LABORATORY REPORT
Application Development Lab
(CS33002)

B.Tech Program in ECSc

Submitted By

Name:-Rohit Kumar Satpathy

Roll No: 2230038



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

Spring 2024-2025

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

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:-

index.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">
  <script src="https://kit.fontawesome.com/3da854781a.js"
crossorigin="anonymous"></script>
</head>
<body>
  <header>
    <div class="header-container">
      
      <div>
        <h1>Rohit Kumar Satpathy</h1>
```

```

        <p><i class="fa-solid fa-envelope"></i> Email: <a
href="2230038@kiit.ac.in">your-email</a> | <i class="fa-solid fa-
phone"></i> Phone: 6206638022| <i class="fa-solid fa-location-
dot"></i>Address:Ranchi Jharkhand</p>
        <p><i class="fa-brands fa-linkedin"></i>
        <a href="https://www.linkedin.com/in/rohit-kumar-satpathy-
8ba277279?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_
medium=android_app" target="_blank">LinkedIn</a> |
        <i class="fa-brands fa-github"></i> <a
href="https://github.com/RohitSatpathy424" target="_blank">GitHub</a> |
    </p>
</div>
</div>
</header>
<main>
    <section id="Professional summary">
        <h2><i class="fa-solid fa-user-tie"></i> Professional Summary</h2>
        <ul>
            <li>Currently persuing B-Tech from KIIT University(3rd Year)</li>
            <li>Keen Learner and have a good leadership quality</li>
            <li>An active member of National Service Scheme</li>
            <li>Friendly and have a good positive attitude</li>
            <li>Dedicated towards my goal</li>
        </ul>
    </section>

    <section id="skills">
        <h2><i class="fa-solid fa-briefcase"></i> Skills</h2>
        <ul>
            <li>HTML, CSS, JavaScript</li>
            <li>IOT</li>
            <li>Machine Learning</li>
        </ul>
    </section>
    <section id="projects">
        <h2><i class="fa-solid fa-lightbulb"></i> Projects</h2>
        <div>
            <h3>Generating messages by hand movements using flex sensors</h3>
            <p>Flex sensors are used to detect finger movements and the
arduino is used to process the data and generate specific commands </p>
            <a href="https://www.linkedin.com/posts/rohit-kumar-satpathy-
8ba277279_arduino-flexsensor-assistivetech-activity-7261031945961123840-
FASb?utm_source=share&utm_medium=member_android" target="_blank">View on
LinkedIn</a>
        </div>
        <h2><i class="fa-regular fa-lightbulb"></i> Current Project</h2>
        <div>
            <h3>IOT Based Manhole detection</h3>
            <p>The project aims to monitor and manage manholes efficiently,
ensuring public safety and reducing infrastructure damage. By utilizing
sensors, communication technologies, and data analytics, this system can
detect open, clogged, or damaged manholes in real time.
            </p>
        </div>
    </section>
    <section id="education">

```

```

        <h2><i class="fa-solid fa-graduation-cap"></i> Education</h2>
        <p>B-Tech | Electronics and Computer Science | KIIT University |
2026</p>
        <p>Senior Secondary | Science | DAV Public School | 2022</p>
        <p>Matriculation | St. Michael's School | 2020</p>
    </section>
</main>
<footer>
    <p>Dedicated to Delivering Innovative Solutions in Software
Development
    </p>
</footer>
</body>
</html>

```

styles.css

```

/* General Styles */
body {
    font-family: Arial, sans-serif;
    line-height: 1.6;
    margin: 0;
    padding: 0;
    color: #333;
}

header {
    background-color: #00a3cc;
    color: white;
    padding: 20px;
    text-align: center;
}

.profile-pic {
    width: 100px;
    height: 100px;
    border-radius: 50%;
    margin: 10px;
}

.header-container {
    display: flex;
    flex-direction: column;
    align-items: center;
}

a {
    color: #ff9900;
    text-decoration: none;
}

a:hover {
    text-decoration: underline;
}

```

```
main {
  padding: 20px;
}

section {
  margin-bottom: 20px;
}

h2 {
  border-bottom: 2px solid #00a3cc;
  padding-bottom: 5px;
}

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

ul li {
  background: #f4f4f4;
  margin: 5px 0;
  padding: 10px;
  border: 1px solid #ddd;
}

/* Footer Styles */
footer {
  text-align: center;
  padding: 10px;
  background: #00a3cc;
  color: white;
}

/* Responsive Design */
@media (min-width: 768px) {
  .header-container {
    flex-direction: row;
    justify-content: center;
    align-items: center;
    gap: 20px;
  }

  main {
    margin: 0 auto;
    max-width: 800px;
  }
}
```

4. Results/Output:-

Resume

127.0.0.1:5500/index.html

Rohit Kumar Satpathy

Email: your-email | Phone: 6206638022 | Address: Ranchi Jharkhand

LinkedIn | GitHub

Professional Summary

- Currently persuing B-Tech from KIIT University(3rd Year)
- Keen Learner and have a good leadership quality
- An active member of National Service Scheme
- Friendly and have a good positive attitude
- Dedicated towards my goal

Resume

127.0.0.1:5500/index.html

Skills

- HTML, CSS, JavaScript
- IOT
- Machine Learning

Projects

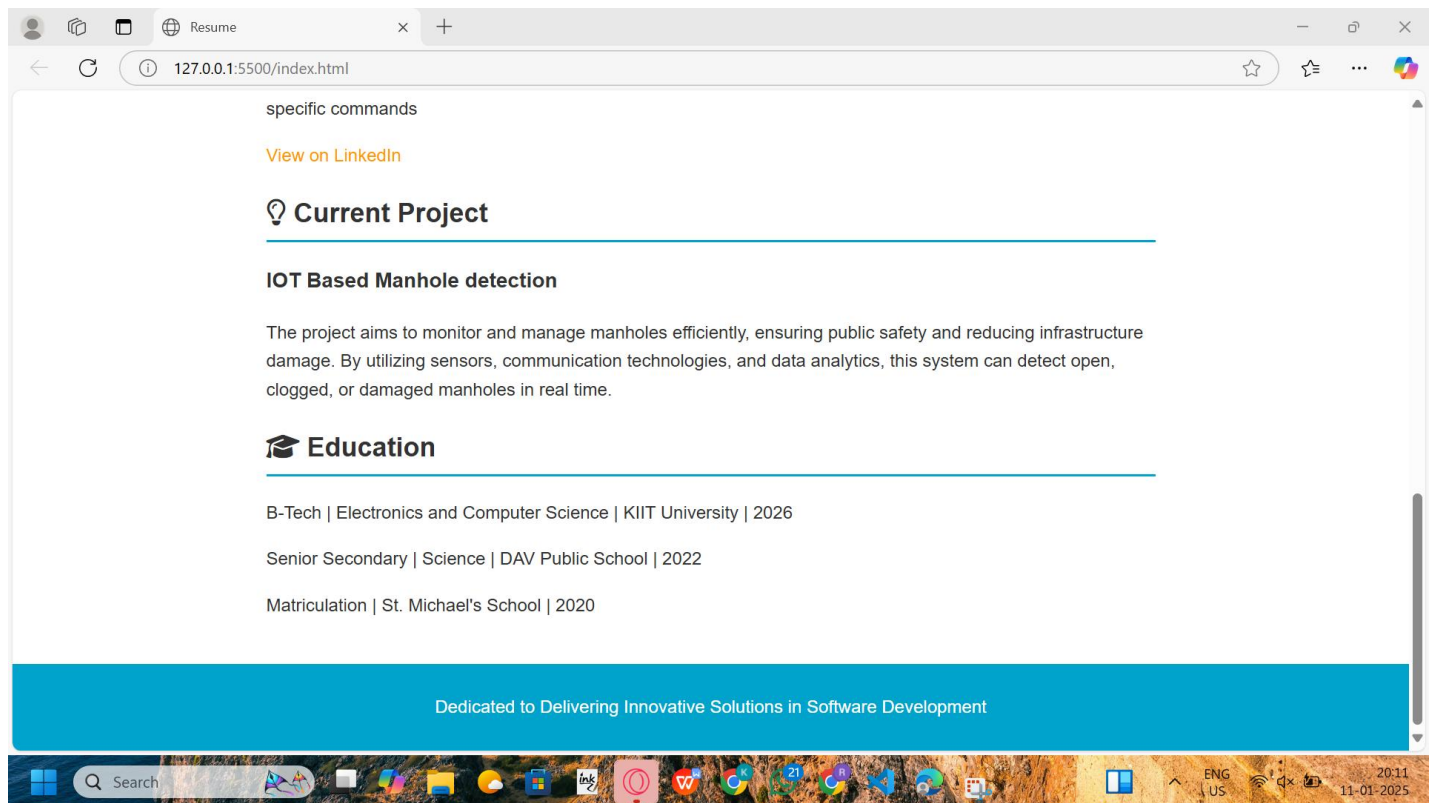
Generating messages by hand movements using flex sensors

Flex sensors are used to detect finger movements and the arduino is used to process the data and generate specific commands

[View on LinkedIn](#)

Current Project

IOT Based Manhole detection



5. Remarks:-

The HTML and CSS create a clean, professional resume with visually appealing design and responsive features. With minor adjustments to icon alignment, section emphasis, and photo scaling, it can achieve even greater usability and polish.

Signature of the Student

(Rohit Kumar Satpathy)

Signature of the Lab Coordinator

(Name of the Coordinator)

