File Name: lab1-1.html

```html
<html>
    <head>
        <title>Profile Page</title>
    </head>

    <body>
        <div >
            <h1>Chethan Polanki</h1>
            <p>Email: chethanpolanki@gmail.com</p>
            <div class="photo" >
                <img src="photo.jpg" alt="Chethan" width="100" >
            </div>
            <br>
            <h2>Educational Qualification</h2>
            <table border="1">
                <tr>
                    <th>Degree</th>
                    <th>Institution</th>
                    <th>Year of Passing</th>
                </tr>
                <tr>
                    <td>Bachelor of Science in Computer Science</td>
                    <td>VIT University</td>
                    <td>2020-2024</td>
                </tr>
                <tr>
                    <td>Intermediate</td>
                    <td>Sri Chaitanya College</td>
                    <td>2020</td>
                </tr>
                <tr>
                    <td>10th class</td>
                    <td>Sri Chaitanya School</td>
                    <td>2018</td>
                </tr>
            </table>
            <br>
            <div class="link">
                <a href="lab1-2.html">Go to Technical Expertise and
Projects</a>
            </div>
        </div>
    </body>

</html>
```

File Name: lab1-2.html

```html
<html>
    <head>
        <title>Technical Expertise and Projects</title>
    </head>
    <body>
        <div class="container">
            <h1>Technical Expertise and Projects</h1>
            <h2>Technical Skills</h2>
            <ul>
                <li>Python (NumPy, Pandas, Matplotlib, SciPy, PyTorch, OpenCV,
BeautifulSoup, NLTK, Requests, Scikit-Learn, Pygame)</li>
                <li>C Language (Embedded C, Arduino Programming)</li>
                <li>Microcontrollers (Arduino, Raspberry Pi, ESP32, ESP8266
(Node MCU), Sensors and Actuators)</li>
                <li>Cloud (AWS, GCP, worked on Linux OS (Debian))</li>
                <li>Web Development (HTML5, CSS, Node.JS, React,
Typescript)</li>
                <li>Software Development (Git, DBMS)</li>
                <li>Text Editors (VS Code, PyCharm, Online Codespaces)</li>
                <li>Postman API, Burp Suite, Nessus Essentials, ZAP</li>

            </ul>

            <h2>Projects Worked On</h2>
            <ul>
                <li>
                    <strong>Wearable Bot for Alzheimer's Patients</strong>
                    <ul>
                        <li>The project underwent the patenting process with
VIT University.</li>
                        <li>Led a team of three students, development carried
out using NodeMCU and the Arduino IDE.</li>
                        <li>Integrated functionalities including fall
detection, vital monitoring, medication reminders, and real-time
notifications.</li>
                        <li>System included GPS tracking and geo-fencing for
enhanced security and safety.</li>
                    </ul>
                </li>
                <li>
                    <strong>Accident Management with Vital Monitoring</strong>
                    <ul>
                        <li>Project aimed to reduce error rate in accident
detection using multiple parameters.</li>
                        <li>Sensors used: MAX30100 for monitoring heart rate
and MQ3 sensor for detecting alcohol consumption.</li>
```

```html
                    <li>Additional emphasis on assessing the driver's
condition within the vehicle.</li>
                </ul>
            </li>
            <li>
                <strong>Securing IOT Data at Node</strong>
                <ul>
                    <li>Published in Peer-Reviewed Journal.</li>
                    <li>Led a team of two, development carried out using
Arduino Uno and the Arduino IDE.</li>
                    <li>Used WBAES for securing the data.</li>
                </ul>
            </li>
        </ul>
        <h2>LinkedIn</h2>
        <p>
            <a href="https://www.linkedin.com/in/chethan-polanki/"
>LinkedIn Profile</a>
        </p>
        <h2>Hobbies/Passions</h2>
        <ul>
            <li>Entrepreneurship</li>
            <li>Photography</li>
            <li>Driving fast Vehicles</li>
            <li>Building intresting things for the world</li>
            <li>Coding for fun</li>
        </ul>
        <h2>Where do you see yourself in 5 years from now?</h2>
        <p>
            In 5 years, I like to see myself as famous Entrepreneur in AI
Industry.
        </p>
    </div>
  </body>
</html>
```

Chethan Polanki

Email: chethanpolanki@gmail.com

Educational Qualification

Degree	Institution	Year of Passing
Bachelor of Science in Computer Science	VIT University	2020-2024
Intermediate	Sri Chaitanya College	2020
10th class	Sri Chaitanya School	2018

Go to Technical Expertise and Projects

Technical Expertise and Projects

Technical Skills

- Python (NumPy, Pandas, Matplotlib, SciPy, PyTorch, OpenCV, BeautifulSoup, NLTK, Requests, Scikit-Learn, Pygame)
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- Text Editors (VS Code, PyCharm, Online Codespaces)
- Postman API, Burp Suite, Nessus Essentials, ZAP

Projects Worked On

- **Wearable Bot for Alzheimer's Patients**
  - The project underwent the patenting process with VIT University.
  - Led a team of three students, development carried out using NodeMCU and the Arduino IDE.
  - Integrated functionalities including fall detection, vital monitoring, medication reminders, and real-time notifications.
  - System included GPS tracking and geo-fencing for enhanced security and safety.
- **Accident Management with Vital Monitoring**
  - Project aimed to reduce error rate in accident detection using multiple parameters.
  - Sensors used: MAX30100 for monitoring heart rate and MQ3 sensor for detecting alcohol consumption.
  - Additional emphasis on assessing the driver's condition within the vehicle.
- **Securing IOT Data at Node**
  - Published in Peer-Reviewed Journal.
  - Led a team of two, development carried out using Arduino Uno and the Arduino IDE.
  - Used WBAES for securing the data.

LinkedIn

LinkedIn Profile

Hobbies/Passions

- Entrepreneurship
- Photography
- Driving fast Vehicles
- Building intresting things for the world
- Coding for fun

Where do you see yourself in 5 years from now?

In 5 years, i like to see myself as famous Entrepreneur in AI Industry.