

File Name: lab1-1.html

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

  <body>
    <div >
      <h1>Chethan Polanki</h1>
      <p>Email: chethanpolanki@gmail.com</p>
      <div class="photo" >
        
      </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>
  <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>
          </ul>
        </li>
      </ul>
    </div>
  </body>
</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)
- C Language (Embedded C, Arduino Programming)
- Microcontrollers (Arduino, Raspberry Pi, ESP32, ESP8266 (Node MCU), Sensors and Actuators)
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- Software Development (Git, DBMS)
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- 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.
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- **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.
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- **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 interesting 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.


 Search


 Home


 My Network


 Jobs

 Messaging

 Notifications

 Me

 For Business

 PREMIUM
Try Sales Navigator



CHETHAN POLANKI
STUDENT AT VIT- VELLORE

Chethan Polanki 

Business Development@Ascella InfoSec |
Cybersecurity Services & Solutions | WEB2.0 -
WEB3.0 || 4th Year B.Tech CSE with
specialization in IoT, Student
Vellore, Tamil Nadu, India · [Contact info](#)
195 connections

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 Vellore Institute of
Technology

Profile language 

English

Public profile & URL 

www.linkedin.com/in/chethan-polanki

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 **Messaging**   

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 Private to you