LAB2:WEB TECH ASSIGMENT

Viswaraje

21011102113

IOTB

HTML CODE:

```
<!DOCTYPE html>
<html>
<head>
<title>CV</title>
<link rel="stylesheet" href="styles.css">
<link href="https://fonts.googleapis.com/css2?family=Lora"
rel="stylesheet">
</head>
<body>
<header>
<b>Viswaraje V</b>
</header>
<div class="container">
<div class="column" id="left-column">
<img class="image"
src="https://ih1.redbubble.net/image.1430120901.4207/bg,f8f8f8-
flat,750x,075,f-pad,750x1000,f8f8f8.jpg">
<p>Enthusiastic student interested in Web Development and
Machine Learning.<br>
Open to work on projects involving MERN stack</p>
<h3><b>Technical Skills</b></h3>
C, Python, JavaScript, ReactJS, HTML,
CSS, C++, Data Structures, Analysis of Algorithms<br>
Proficient in using MERN stack to develop applications for
management Systems<br>
Skilled at using Postman to test efficiency of APIs.
<h3>Interests and Achievements</h3>
<ul>
<li>Proficient at keyboard. Passed the Trinity Keyboard exams
with distinction</li>
<li>Love problem solving in any capacity</li>
<li>Open to any kind of collaboration</li>
</ul>
</div>
<div class="column" id="right-column">
<h3>Experience</h3>
```

```
<p><b>Web Development Intern at Omscrift Invention</b>(May 2023 - July
2023)</p>
<p>Worked with MERN stack to create application for a booking and
management</p>
<ul>
<li>Worked on new feature development and resolution of software bugs for the
Employers' Dashboard.</li>
<li>Adhered to best coding practices and design patterns, participated in code
reviews and incorporated
    feedbacks to improve the code quality while following the Agile practices
for the project delivery</li>
<li> Technologies : .Net, MySql</li>
</ul>
<h3>Education</h3>
<ul>
<li><b>Shiv Nadar University Chennai </b>B.Tech CSE (IoT)
(2021 - 2025)<i style="text-align: right;">CGPA:9.1</i></li>
<li><b>Puna International CBSE School Namakkal </b>Upto Grade
12 (2019-2021)<i>Percentage: 87%</i></li>
<li><b>Asia English School CBSE School </b>Upto Grade 10<i>Percentage:
96.2%</i></li>
</ul>
<h3>Projects</h3>
<ul>
<li>
<b><i>Drowsiness detection System | Python, Streamlit,
HTML-CSS</i></b><br><br>
Developed a python application to detect and alert
drowsiness during driving.<br>
Perclos algorithm was used to detect closure of eyes and
the algorithm was implemented using 68-point face landmarking.<br><br>
</li>
<li>
<b><i>RFID Based Voting System | Python, RaspberryPi,
MySQL</i></b><br><br>
Fabricated a voting system from scratch using RFID cards
and RFID sensors.<br>
The data was collected from the sensor using RaspberryPi,
stored using MySQL and processed using Python.<br>
</li>
</ul>
</div>
</div>
</body>
</html>
```

CSS CODE:

```
header {
    background-color: #FFBDF7;
    color: #000000;
    padding: 20px;
    text-align: center;
    font-family: 'Lora', serif;
    font-size: large;
    }
    body, html {
    height: 100%;
    margin: 0;
    }
    .container {
    display: flex;
    height: 100%;
    font-family: 'Lora', serif;
    }
    .column {
    padding: 10px;
    border: none;
    flex: 1;
    }
    #left-column {
    flex-basis: 25%;
    max-width: 25%;
    background-color: #FAF3F0;
    }
    #right-column {
    flex-basis: 75%;
    max-width: 75%;
    background-color:#DFCCFB;
    }
    .image{
    display: block;
    margin: 0 auto;
    max-width: 100%;
    height: auto;
    }
```

OUTPUT:

Viswaraje V

Enthusiastic student interested in Web Development and Machine Learning.
Open to work on projects involving MERN stack

Technical Skills

C, Python, JavaScript, ReactJS, HTML, CSS, C++

Experience

Web Development Intern at Omscrift Invention(May 2023 - July 2023)

Worked with MERN stack to create application for a booking and management

- Worked on new feature development and resolution of software bugs for the Employers' Dashboard.
- Adhered to best coding practices and design patterns, participated in code reviews and incorporated feedbacks to improve the code quality while following the Agile practices for the project delivery
- Technologies : .Net, MySql

Education

- **Shiv Nadar University Chennai** B.Tech CSE (IoT) (2021 - 2025)*CGPA:9.1*
- **Puna International CBSE School Namakkal** Upto Grade 12 (2019-2021)*Percentage: 87%*
- **Asia English School CBSE School** Upto Grade 10*Percentage: 96.2%*

Projects

- ***Drowsiness detection System | Python, Streamlit, HTML-CSS***

  Developed a python application to detect and alert drowsiness during driving.
  Perclos algorithm was used to detect closure of eyes and the algorithm was implemented using 68-point face landmarking.

- ***RFID Based Voting System | Python, RaspberryPi, MySQL***

  Fabricated a voting system from scratch using RFID cards and RFID sensors.
  The data was collected from the sensor using RaspberryPi, stored using MySQL and processed using Python.