In [1]:
```
import cv2
import matplotlib.pyplot as plt
```

In [2]:
```
# Load Haar cascade
face_cascade = cv2.CascadeClassifier(cv2.data.haarcascades + 'haarcascade_frontalface_default.xml'
```

In [3]:
```
# Read the image
image = cv2.imread('WIN_20251112_19_08_45_Pro.jpg')
```

In [4]:
```
# Check if image was loaded
if image is None:
    print("Error: Image not found.")
else:
    # Convert to grayscale
    gray = cv2.cvtColor(image, cv2.COLOR_BGR2GRAY)
```

In [6]:
```
 # Detect faces
faces = face_cascade.detectMultiScale(gray, scaleFactor=1.1, minNeighbors=5)
```

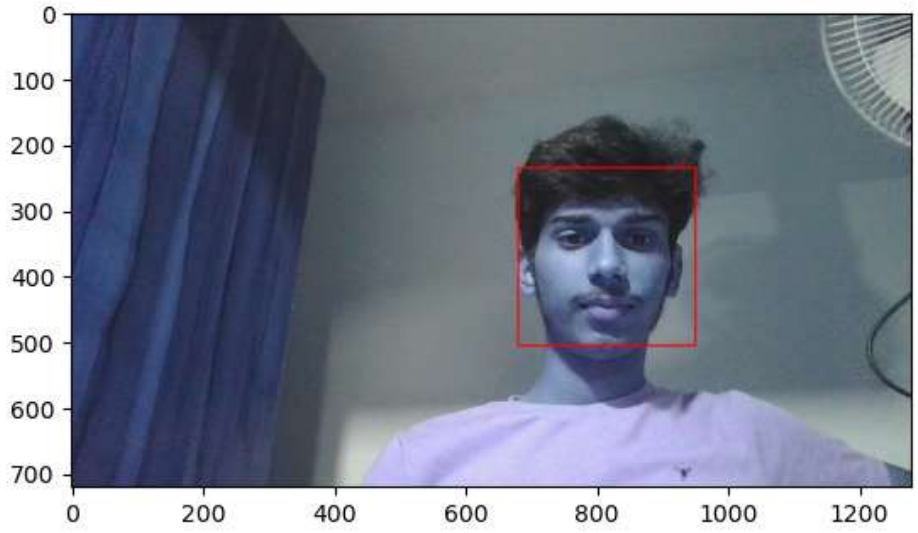
In [8]:
```
 # Draw rectangles
for(x, y, w, h) in faces:
        cv2.rectangle(image, (x, y), (x + w, y + h), (255, 0, 0), 2)
```

In [9]:
```
 # Get screen resolution
screen_res = 1920, 1080  # You can change this based on your screen
scale_width = screen_res[0] / image.shape[1]
scale_height = screen_res[1] / image.shape[0]
scale = min(scale_width, scale_height)
```

In [11]:
```
window_width = int(image.shape[1] * scale)
window_height = int(image.shape[0] * scale)
```

In [12]:
```
 # Resize image
resized_image = cv2.resize(image, (window_width, window_height))
```

In [13]:
```
 # Show image
plt.imshow(image)
plt.show()
```



In [ ]: