import cv2

from matplotlib import pyplot as plt

# Step 1: Read the image

image = cv2.imread('Annotation 2025-04-29 144420.png')

# Step 2: Check if image is loaded

if image is None:

print("Error: Image not found or couldn't be loaded.")

else:

# Step 3: Apply Gaussian Blur

blurred\_image = cv2.GaussianBlur(image, (15, 15), 0) # (15,15) is the kernel size

# Step 4: Display original and blurred image

plt.figure(figsize=(10, 5))

plt.subplot(1, 2, 1)

plt.title('Original Image')

plt.imshow(cv2.cvtColor(image, cv2.COLOR\_BGR2RGB))

plt.axis('off')

plt.subplot(1, 2, 2)

plt.title('Blurred Image (GaussianBlur)')

plt.imshow(cv2.cvtColor(blurred\_image, cv2.COLOR\_BGR2RGB))

plt.axis('off')

plt.tight\_layout()

plt.show()

output: