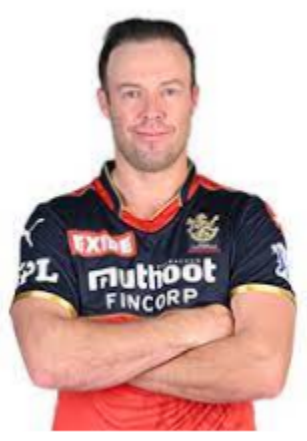
In [1]:
```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import cv2
```

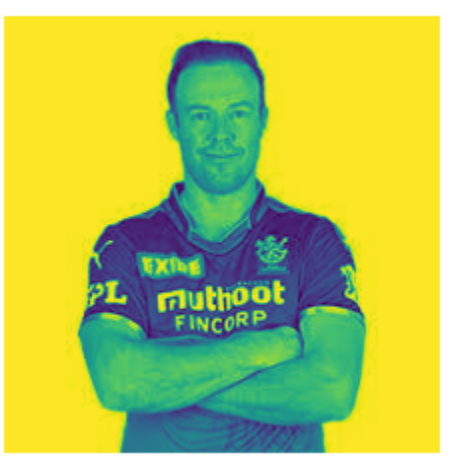
# CONVERTING INTO RGB

In [4]:
```
img = cv2.imread("C:/Users/VISHNU VARDHAN/Downloads/New folder (2)/abd.jpg")
img = cv2.cvtColor(img,cv2.COLOR_BGR2RGB)
plt.axis('off')
plt.imshow(img)
plt.show()
```

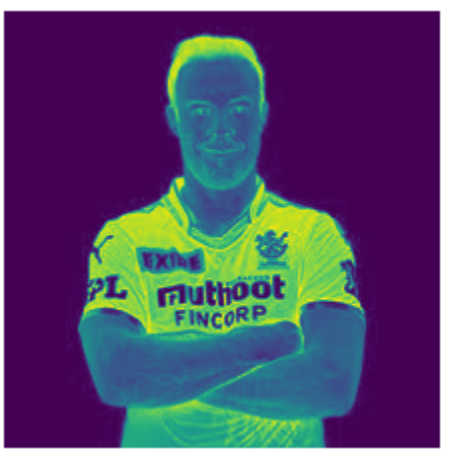



# CONVERTING INTO GRAYSCALE IMAGE

In [5]:
```
gray_img = cv2.cvtColor(img,cv2.COLOR_BGR2GRAY)
plt.axis('off')
plt.imshow(gray_img)
plt.show()
```




In [6]:
```
#inv_gray_img = 255 - gray_img
inv_gray_img = cv2.bitwise_not(gray_img)
plt.axis('off')
plt.imshow(inv_gray_img)
plt.show()
```




In [7]:
```
blur_img = cv2.GaussianBlur(inv_gray_img,(21,21),0)
plt.axis('off')
plt.imshow(blur_img)
plt.show()
```

In [8]:
```
#inv_blur_img = 255 - blur_img
inv_blur_img = cv2.bitwise_not(blur_img)
plt.axis('off')
plt.imshow(inv_blur_img)
plt.show()
```

# PENCIL SKETCH

In [9]:
```
pencil_img = cv2.divide(gray_img,inv_blur_img,scale = 256.0)
plt.axis('off')
plt.imshow(pencil_img)
plt.show()
```


In [ ]:
```
```