# Operation : Corporate Mirage

# -

# Write-Up

# Summary


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  - Description
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- Question
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- Path

Challenge B9
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- Path

Challenge B10
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- Answer
- Path

Challenge B11
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- Answer
- Path

Challenge B12
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- Answer
- Path

Challenge B13
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Challenge B15
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- Path

Challenge B16
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Challenge B17
- Question
- Answer
- Path

Challenge B18
- Question
- Answer
- Path

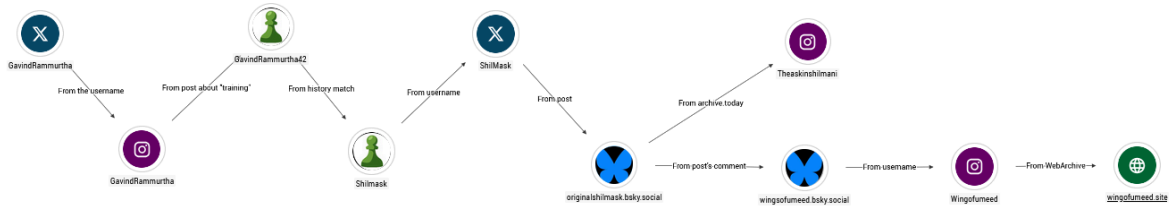
Challenge B19

- Question
- Answer
- Path

Challenge B20

- Question
- Answer
- Path

# Main path




## Description

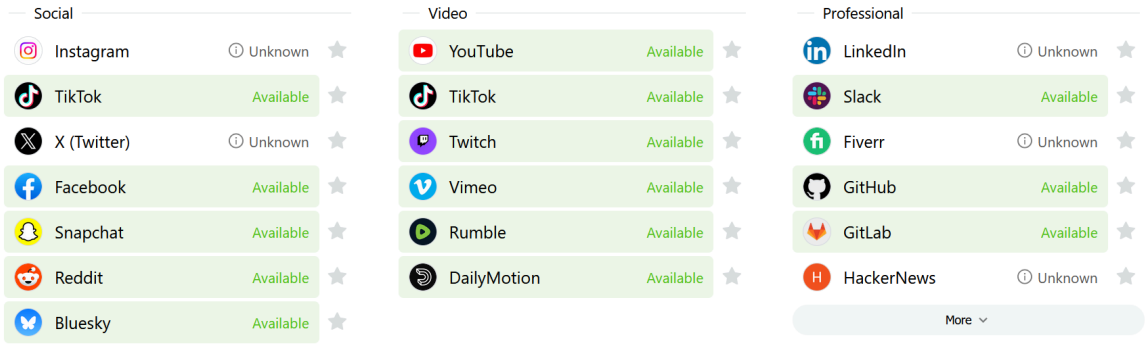
The main path is the path that was necessary to take to discover all of the assets and allow the player to play every challenge.

This path should answer all the Main questions necessary to finish the CTF.

## Path

### 1. Find Gavind Rammurtha Instagram

From the original post on X you can search for GavindRammurtha on Username checking tools:




(Sherlock//Maigret can work too, any tool that check if a username is existing on a service)

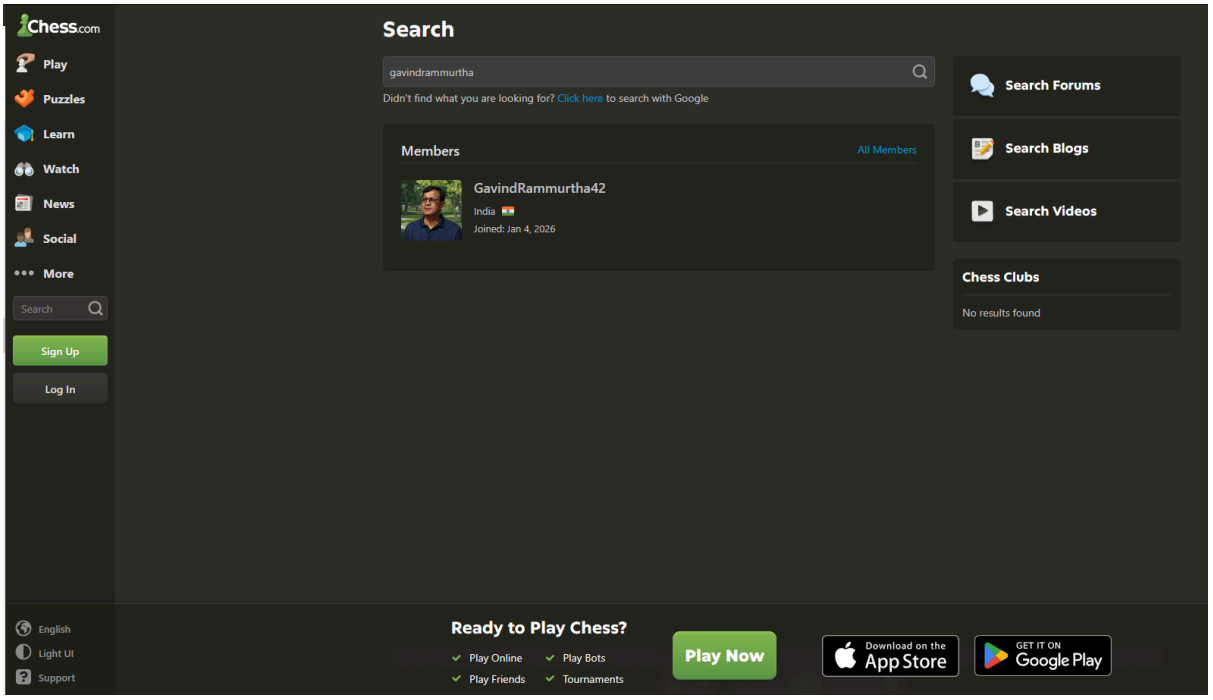
### 2. Find Gavind Rammurtha Chess.com

Once you have his instagram, you see alot of new content. The thing is to stay focus on what we are looking for. Don't spend time doing GEOINT on random things.

You will see in his post #8 at the beach on the bottom left that there is a screen playing some chess. he talks about "training"
In post #14 He talks about training again but this time with a man he met at the airport.

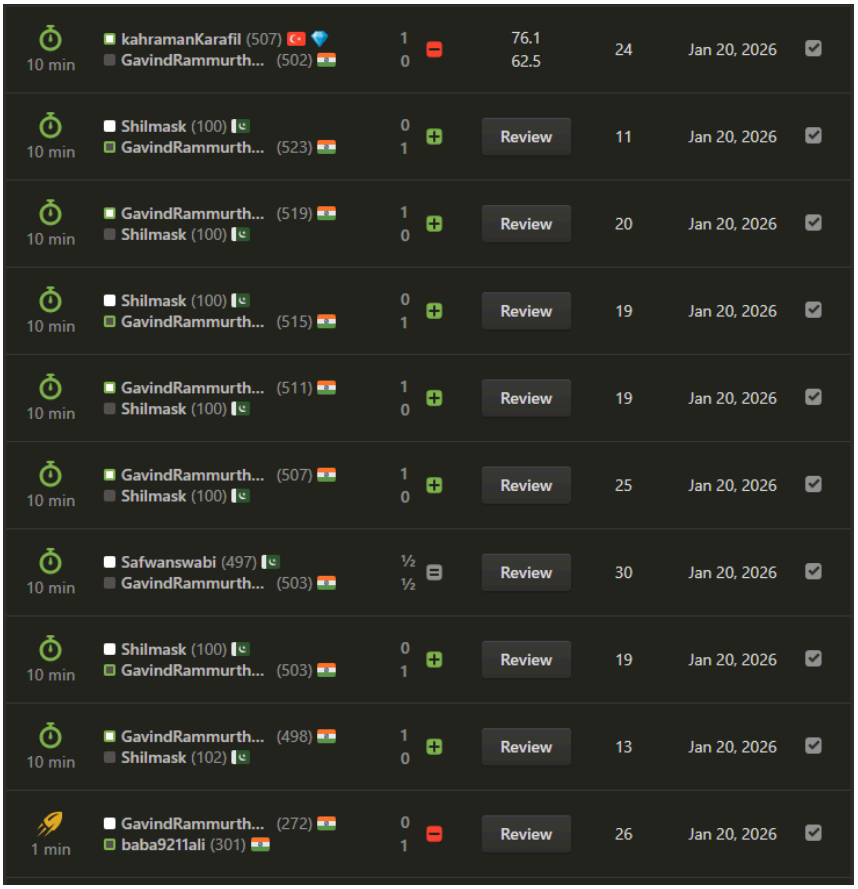
In post #17 He talks about training and the post is showing a chess board in a wood cabin.

From those information, we know that he is playing chess online, with someone.
Checking for his username on famous chess website should give you :

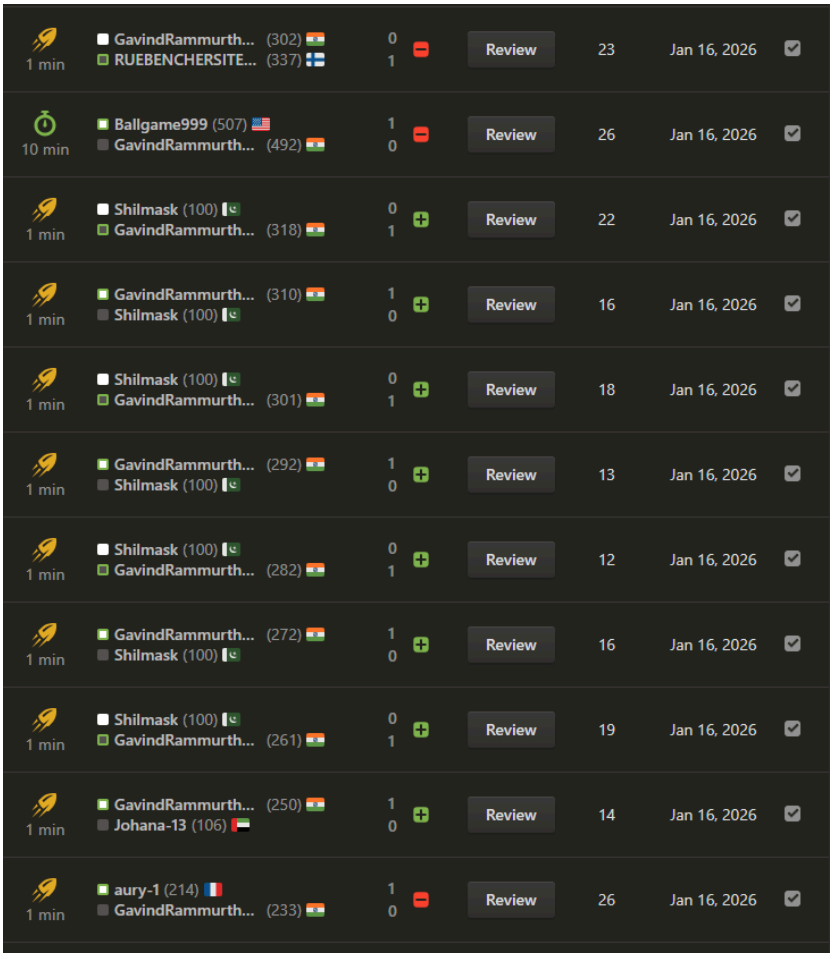



## 3. Find “Airport man” account

If you check the game history of Gavind Rammurtha you will see that he is often playing with a guys called “Shilmask”.



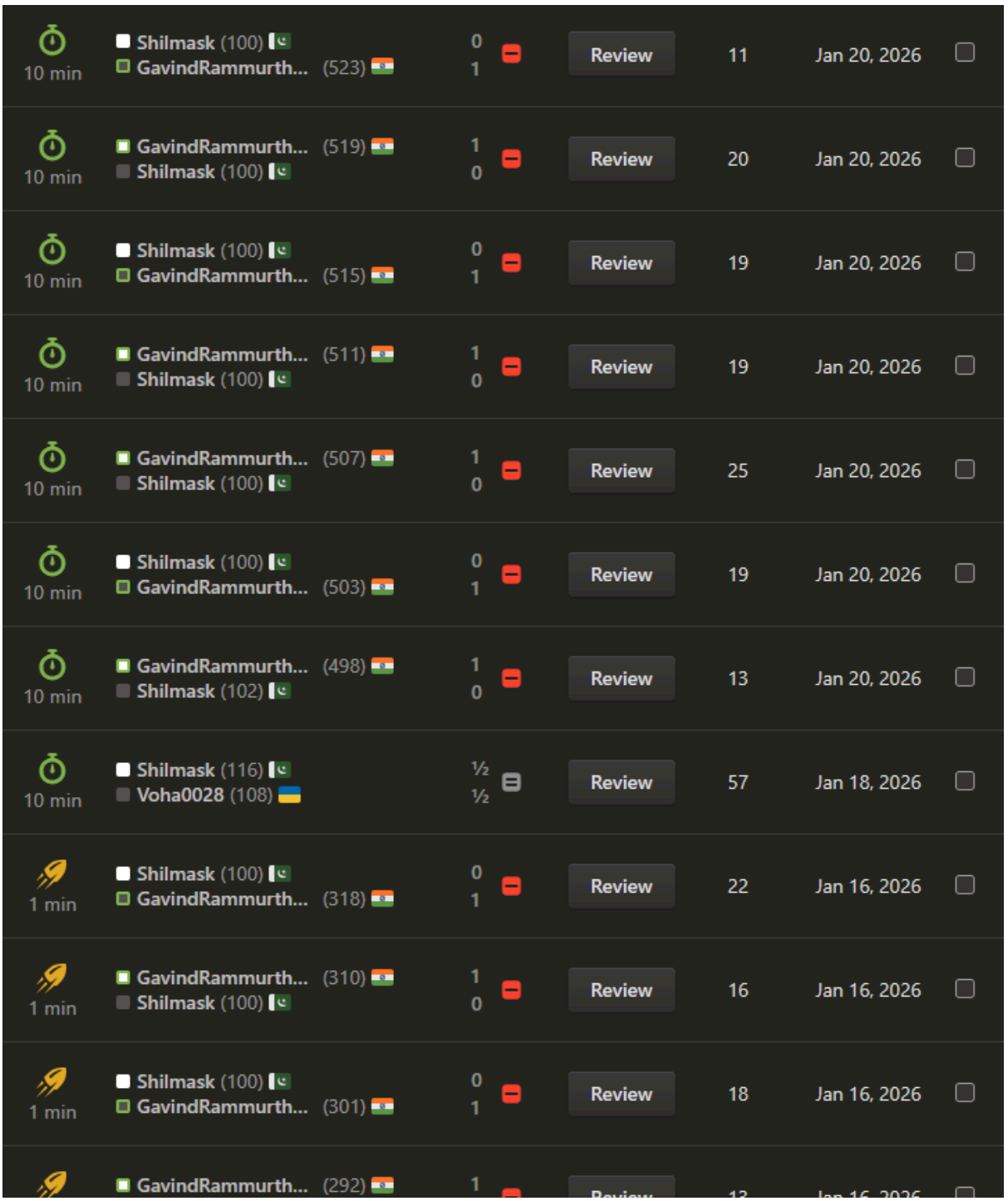
| | | | | | | |
|---|---|---|---|---|---|---|
| 10 min | kahramanKarafil (507) | 1 | 76.1 | 24 | Jan 20, 2026 | ☑ |
| | GavindRammurth... (502) | 0 | 62.5 | | | |
| 10 min | Shilmask (100) | 0 | Review | 11 | Jan 20, 2026 | ☑ |
| | GavindRammurth... (523) | 1 | | | | |
| 10 min | GavindRammurth... (519) | 1 | Review | 20 | Jan 20, 2026 | ☑ |
| | Shilmask (100) | 0 | | | | |
| 10 min | Shilmask (100) | 0 | Review | 19 | Jan 20, 2026 | ☑ |
| | GavindRammurth... (515) | 1 | | | | |
| 10 min | GavindRammurth... (511) | 1 | Review | 19 | Jan 20, 2026 | ☑ |
| | Shilmask (100) | 0 | | | | |
| 10 min | GavindRammurth... (507) | 1 | Review | 25 | Jan 20, 2026 | ☑ |
| | Shilmask (100) | 0 | | | | |
| 10 min | Safwanswabi (497) | ½ | Review | 30 | Jan 20, 2026 | ☑ |
| | GavindRammurth... (503) | ½ | | | | |
| 10 min | Shilmask (100) | 0 | Review | 19 | Jan 20, 2026 | ☑ |
| | GavindRammurth... (503) | 1 | | | | |
| 10 min | GavindRammurth... (498) | 1 | Review | 13 | Jan 20, 2026 | ☑ |
| | Shilmask (102) | 0 | | | | |
| 1 min | GavindRammurth... (272) | 0 | Review | 26 | Jan 20, 2026 | ☑ |
| | baba9211ali (301) | 1 | | | | |



| | | | | | | |
|---|---|---|---|---|---|---|
| 1 min | GavindRammurth... (302) | 0 | Review | 23 | Jan 16, 2026 | ☑ |
| | RUEBENCHERSITE... (337) | 1 | | | | |
| 10 min | Ballgame999 (507) | 1 | Review | 26 | Jan 16, 2026 | ☑ |
| | GavindRammurth... (492) | 0 | | | | |
| 1 min | Shilmask (100) | 0 | Review | 22 | Jan 16, 2026 | ☑ |
| | GavindRammurth... (318) | 1 | | | | |
| 1 min | GavindRammurth... (310) | 1 | Review | 16 | Jan 16, 2026 | ☑ |
| | Shilmask (100) | 0 | | | | |
| 1 min | Shilmask (100) | 0 | Review | 18 | Jan 16, 2026 | ☑ |
| | GavindRammurth... (301) | 1 | | | | |
| 1 min | GavindRammurth... (292) | 1 | Review | 13 | Jan 16, 2026 | ☑ |
| | Shilmask (100) | 0 | | | | |
| 1 min | Shilmask (100) | 0 | Review | 12 | Jan 16, 2026 | ☑ |
| | GavindRammurth... (282) | 1 | | | | |
| 1 min | GavindRammurth... (272) | 1 | Review | 16 | Jan 16, 2026 | ☑ |
| | Shilmask (100) | 0 | | | | |
| 1 min | Shilmask (100) | 0 | Review | 19 | Jan 16, 2026 | ☑ |
| | GavindRammurth... (261) | 1 | | | | |
| 1 min | GavindRammurth... (250) | 1 | Review | 14 | Jan 16, 2026 | ☑ |
| | Johana-13 (106) | 0 | | | | |
| 1 min | aury-1 (214) | 1 | Review | 26 | Jan 16, 2026 | ☑ |
| | GavindRammurth... (233) | 0 | | | | |

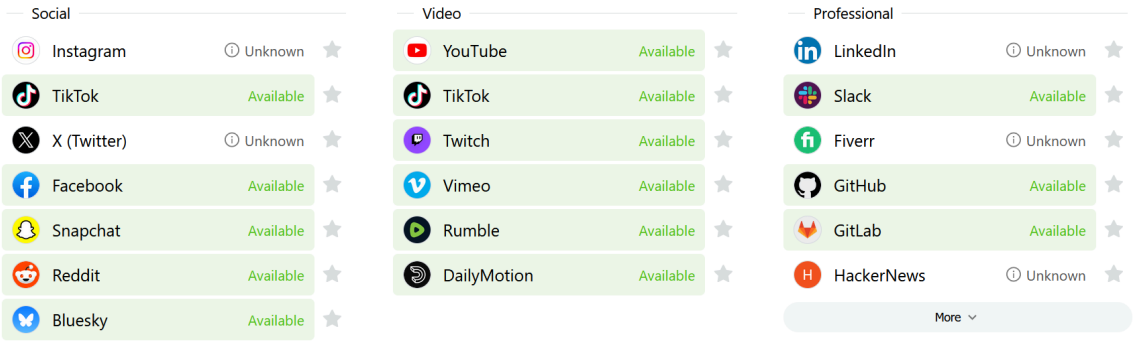
Etc…

Checking this account, a recent game will reveal he only play with Gavind, which is suspicious.



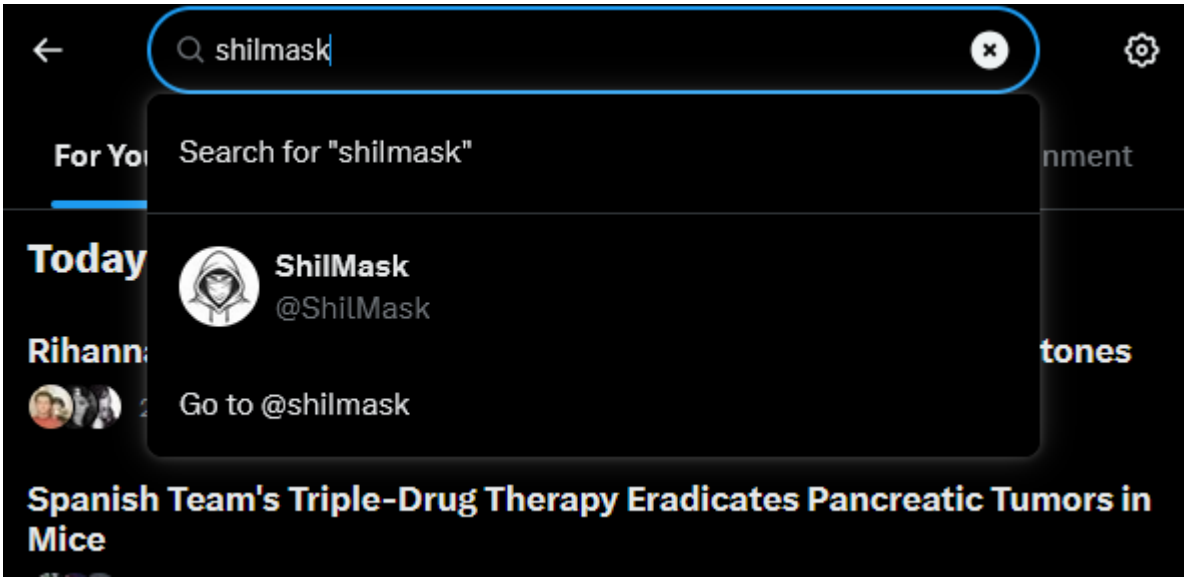

## 4. Search for Shilmask tracks online

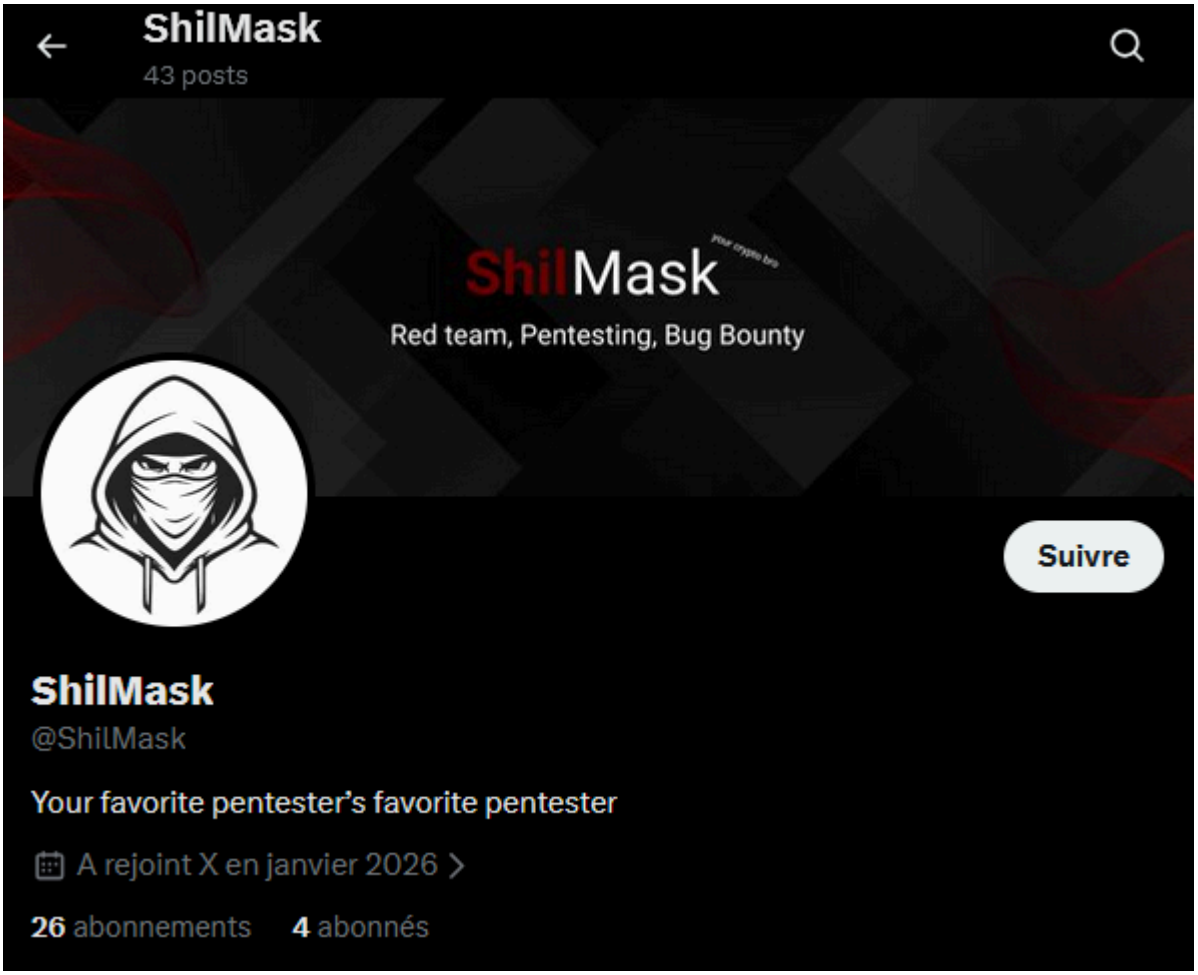
Once you got the username, search for it online.




(Sherlock//Maigret can work too, any tool that check if a username is existing on a service)

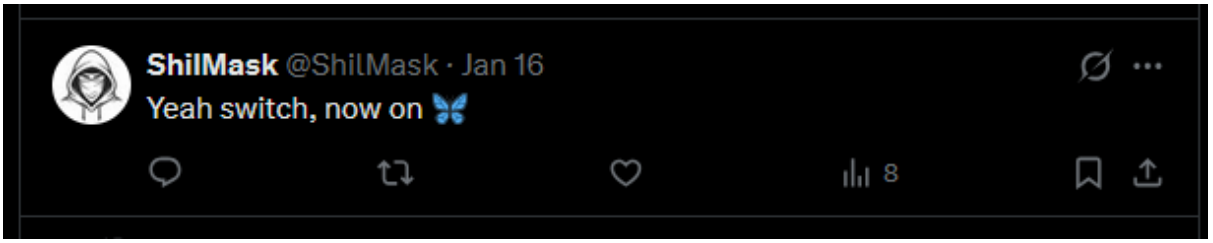
You then find a X account with the same profile picture.



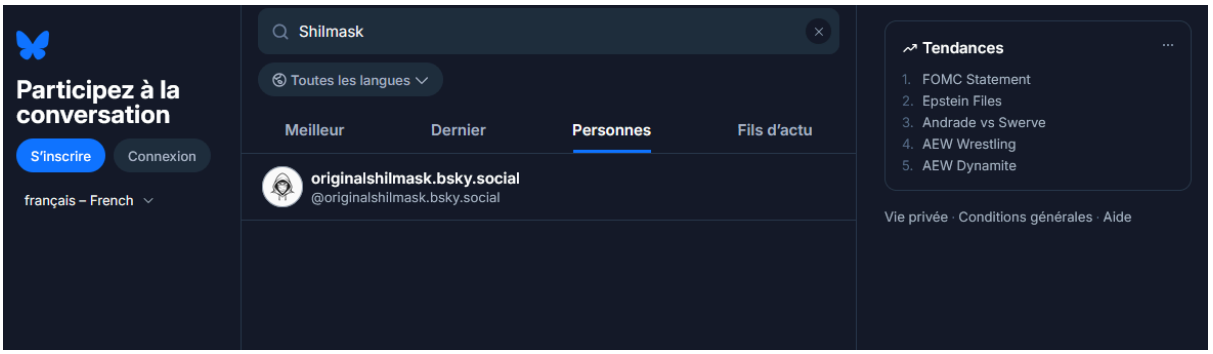




5. Find Shilmask BlueSky Account

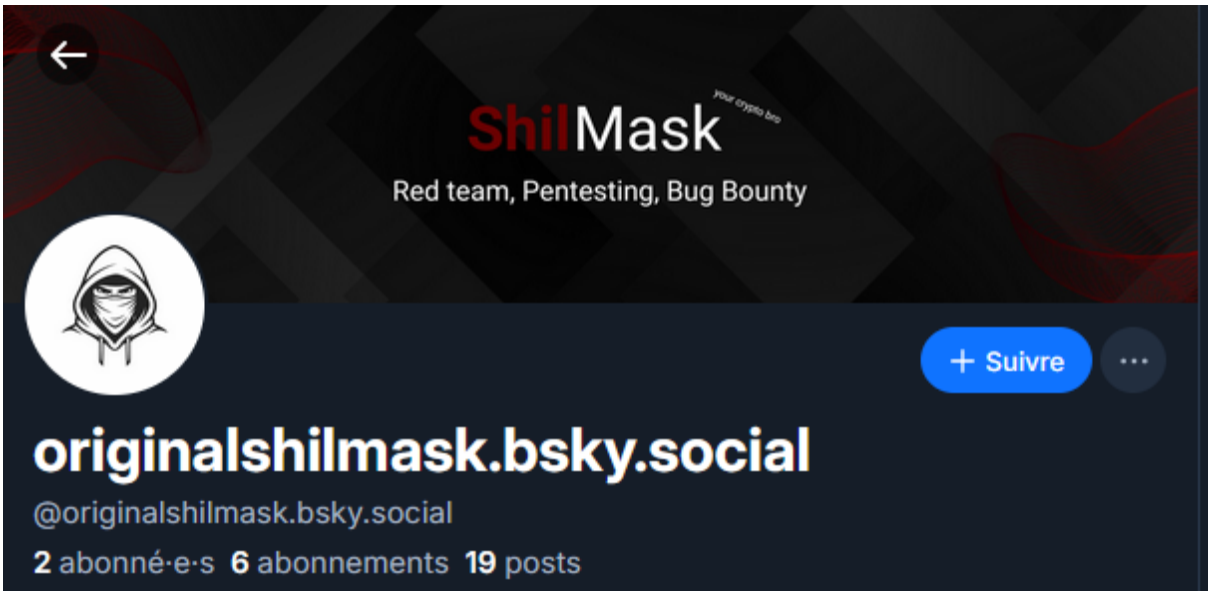
From the X account, you will discover that Shilmask is a cryptobro posting meme all day that is tired of X and want to move to another platform




Search for him on Bluesky



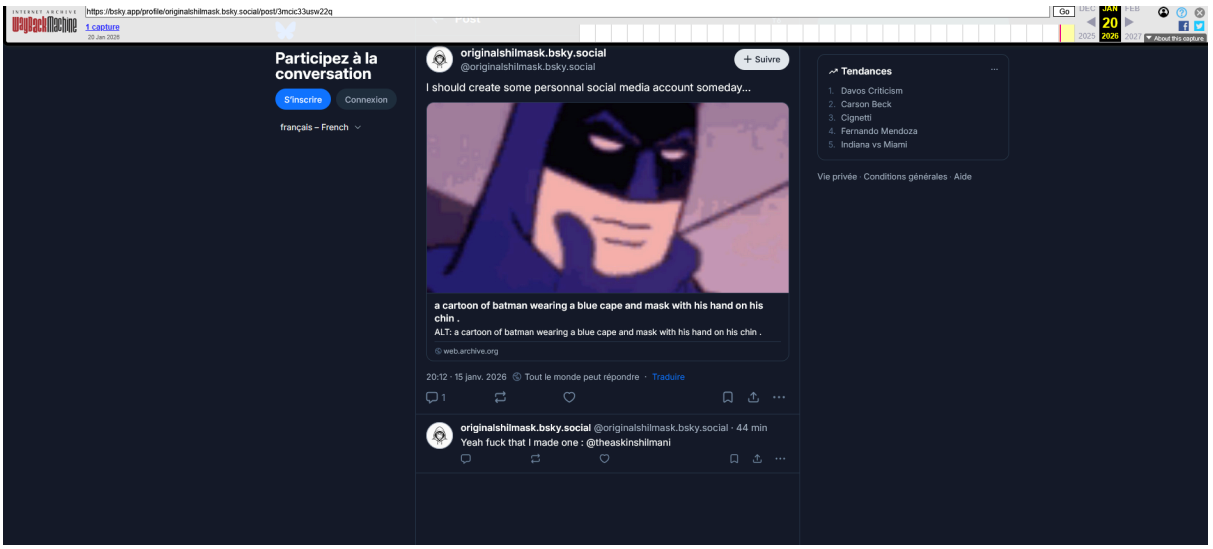

You will find his account :



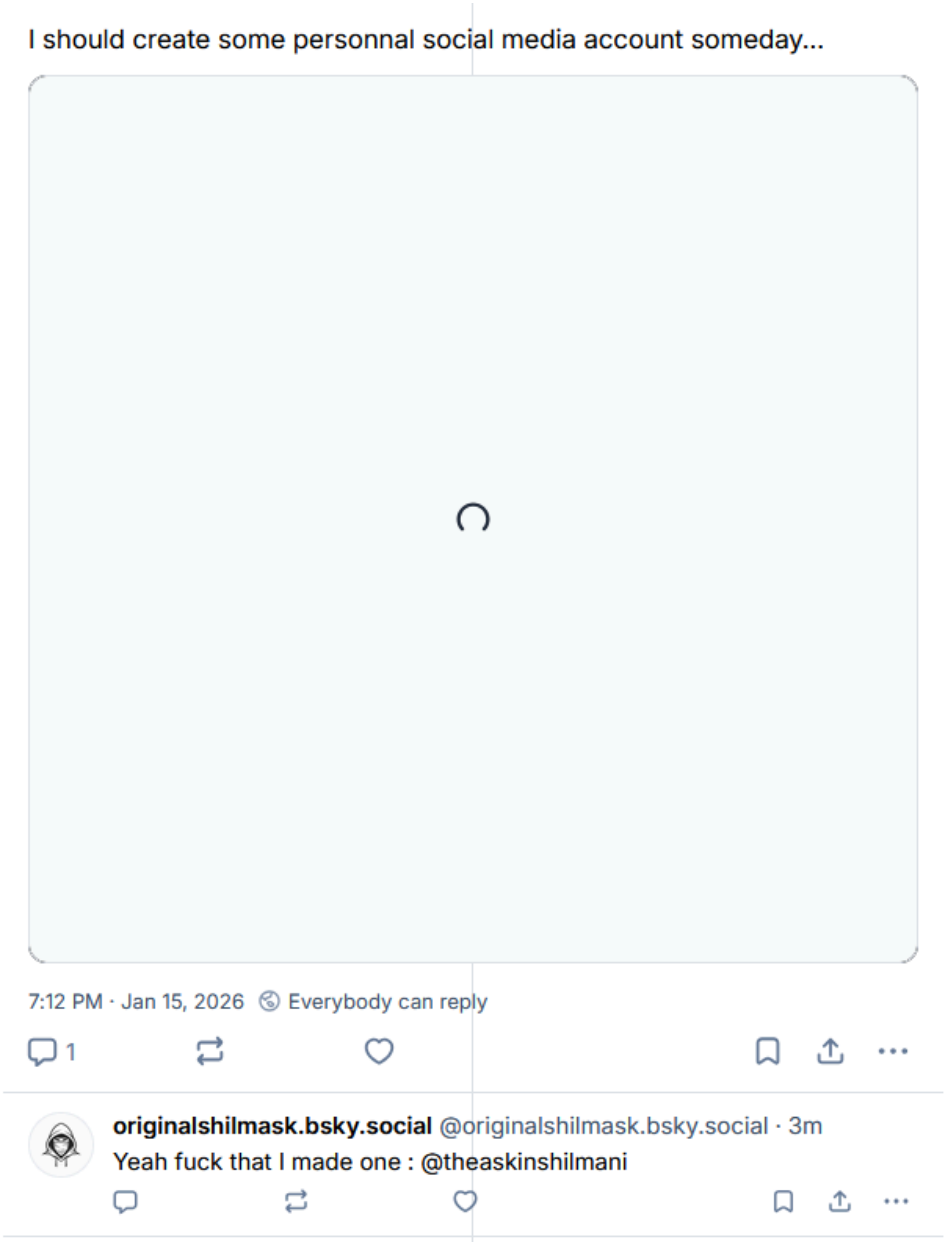

## 6. Find personal instagram of Shilmask

(Carefull here, searching for the profile directly will send you global profile pages. which are not containing what we want, those are decoys. We need to investigare the right exact post URL.

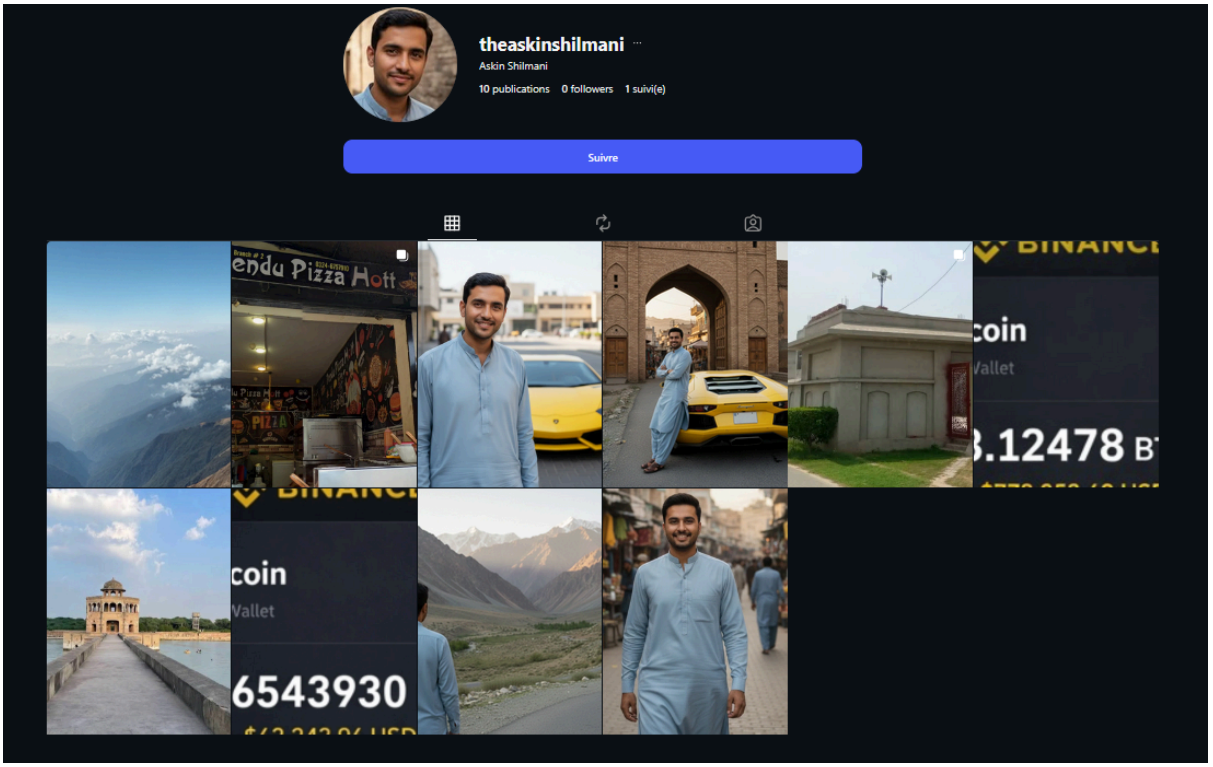
If you check web archives for the exact page of the post where he is talking about the creation of a personal instagram account : https://bsky.app/profile/originalshilmask.bsky.social/post/3mcic33usw22q




and : https://archive.ph/xM0MM

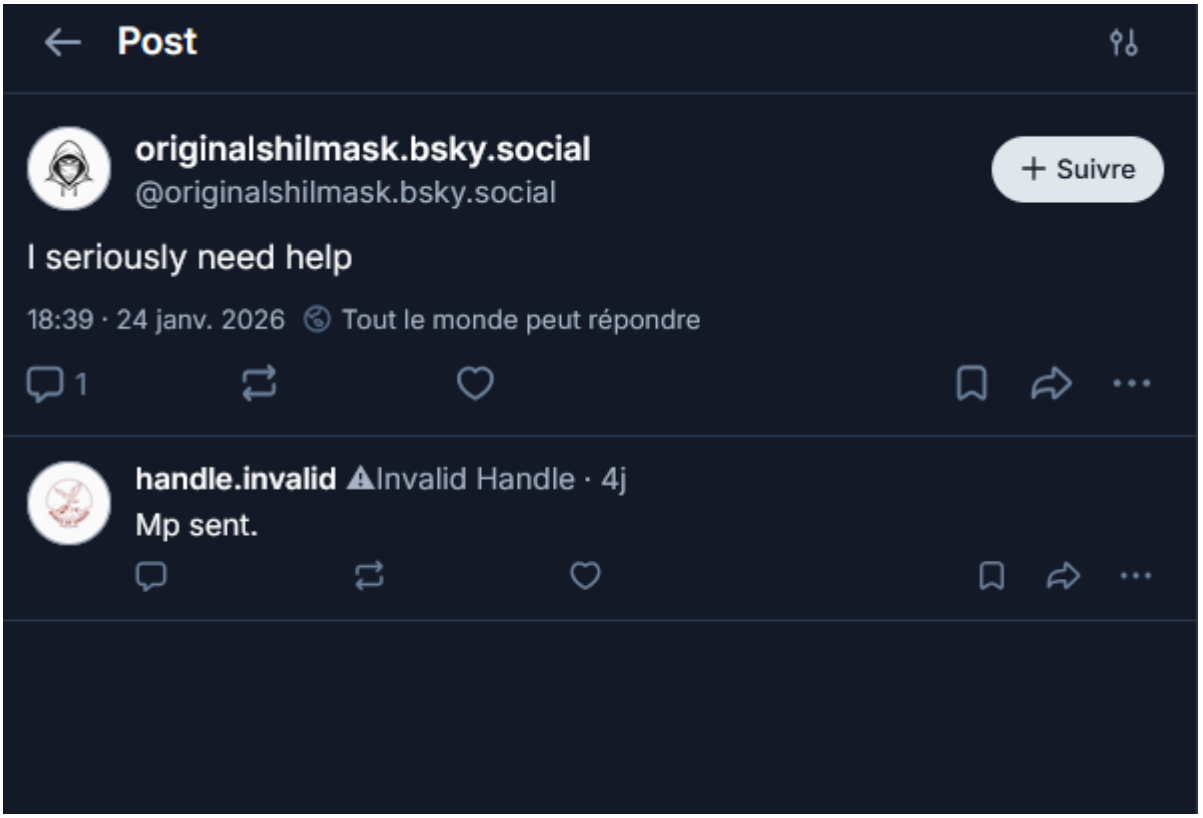



you will see that he threw his personal Instagram on it.



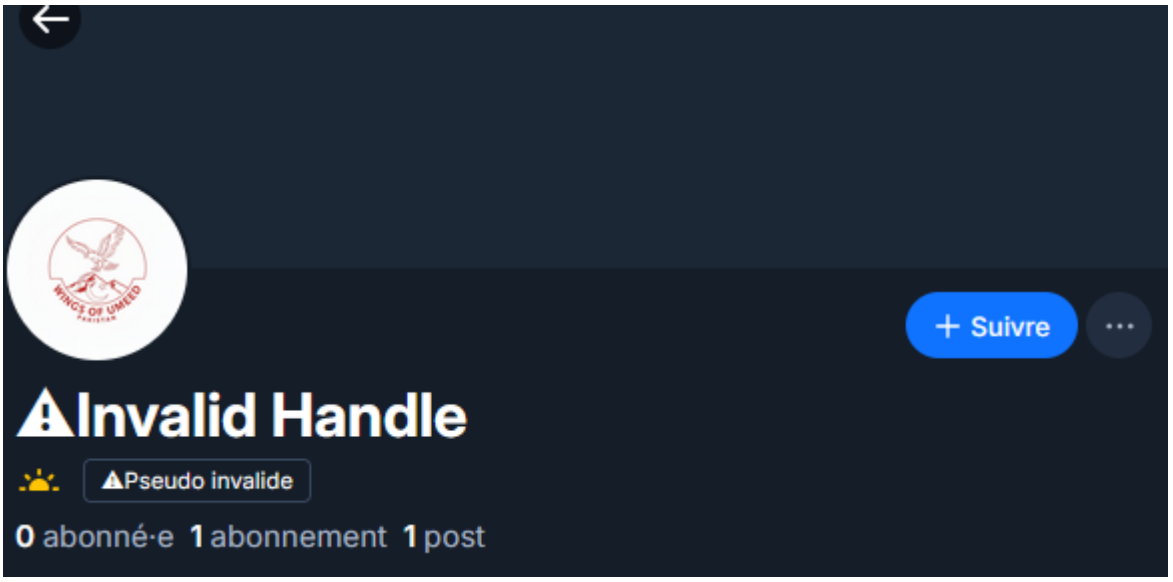

7. Find Organization name

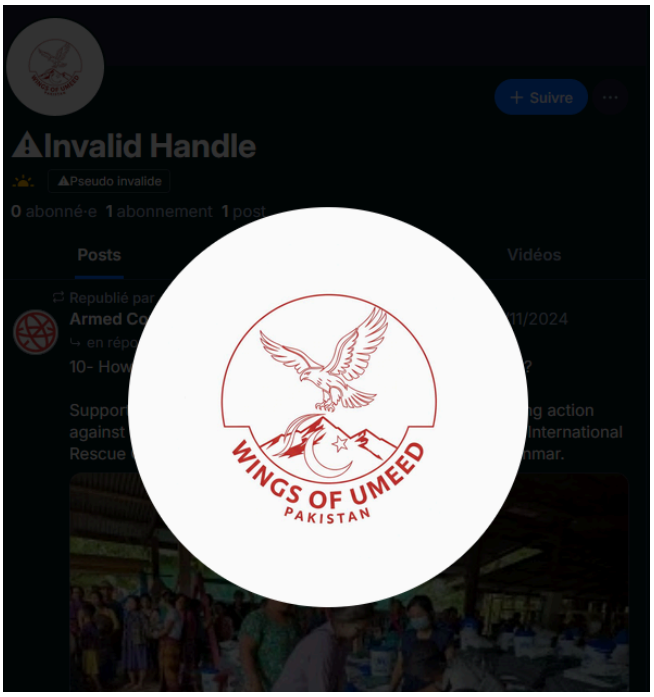
On Bluesky, Shilmask was asking for help. A user answered “MP Sent”.



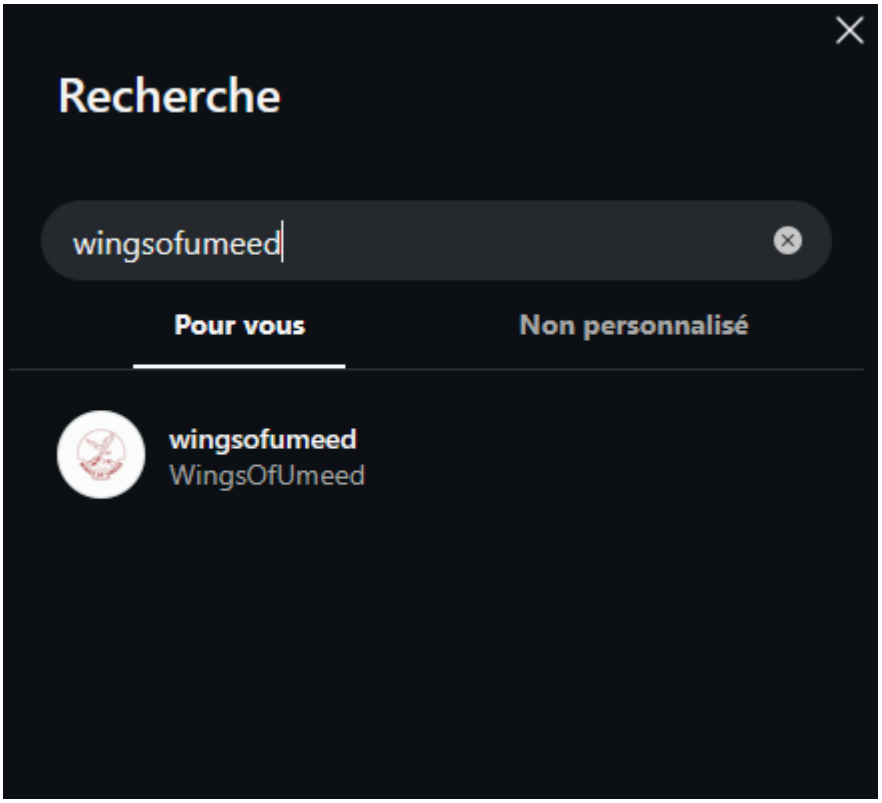

While this user bluesky is empty and with an “invalid handle” username, you can search for

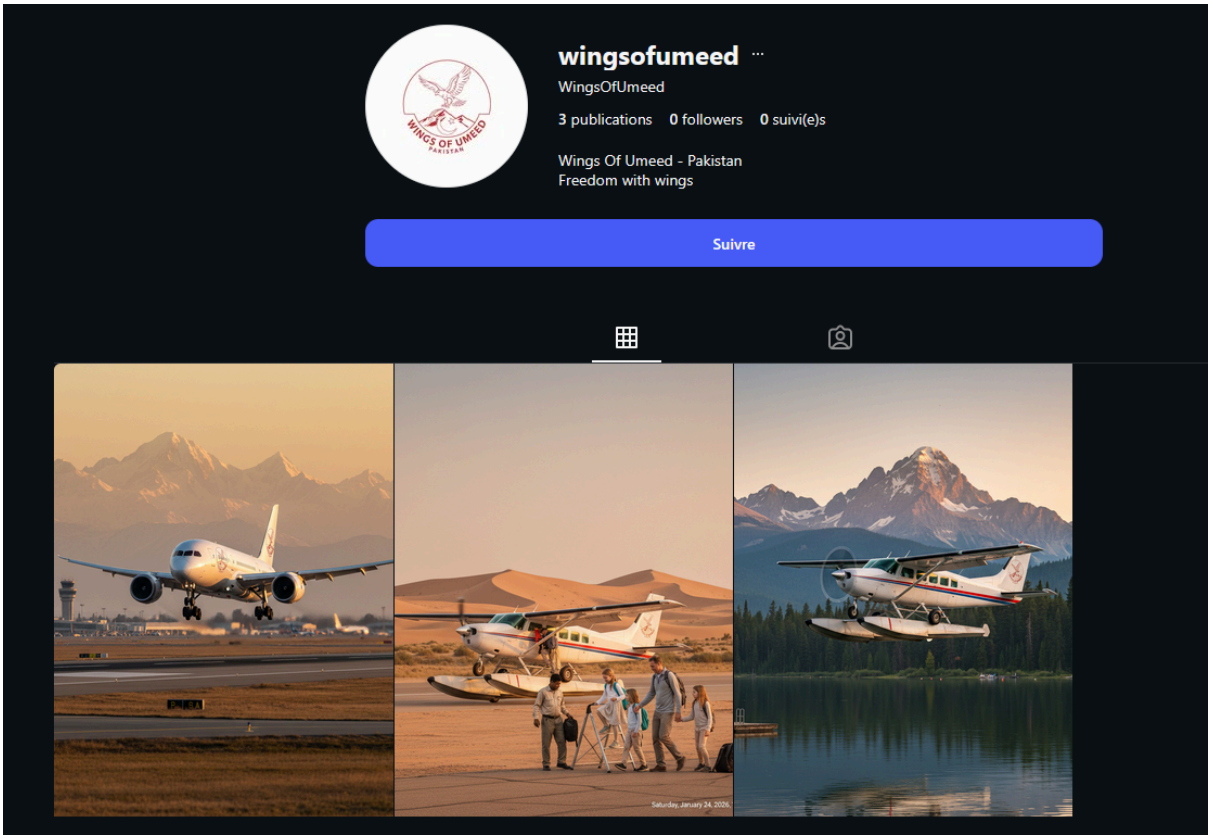
information about the name in the profile picture “Wings of umeed”.



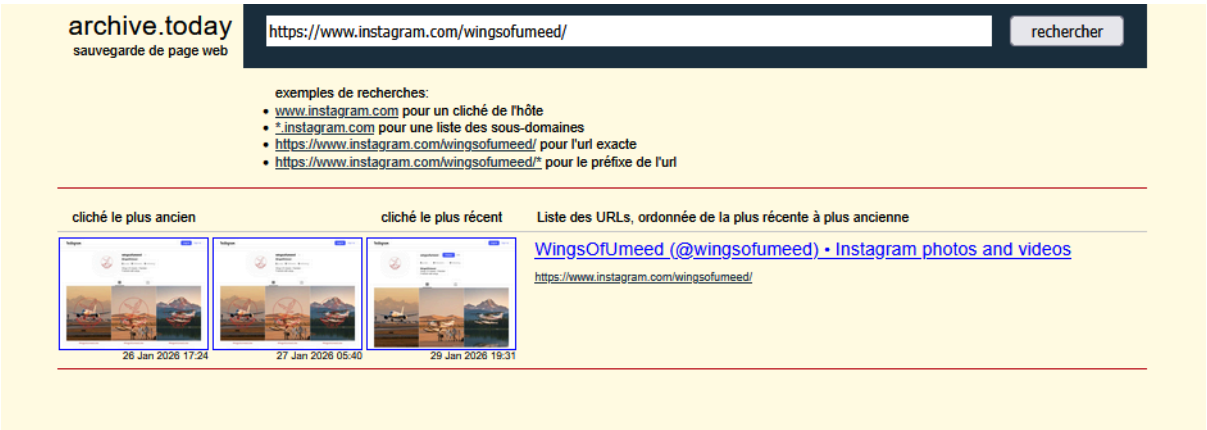

You will discover an instagram account, with the same picture on Instagram :



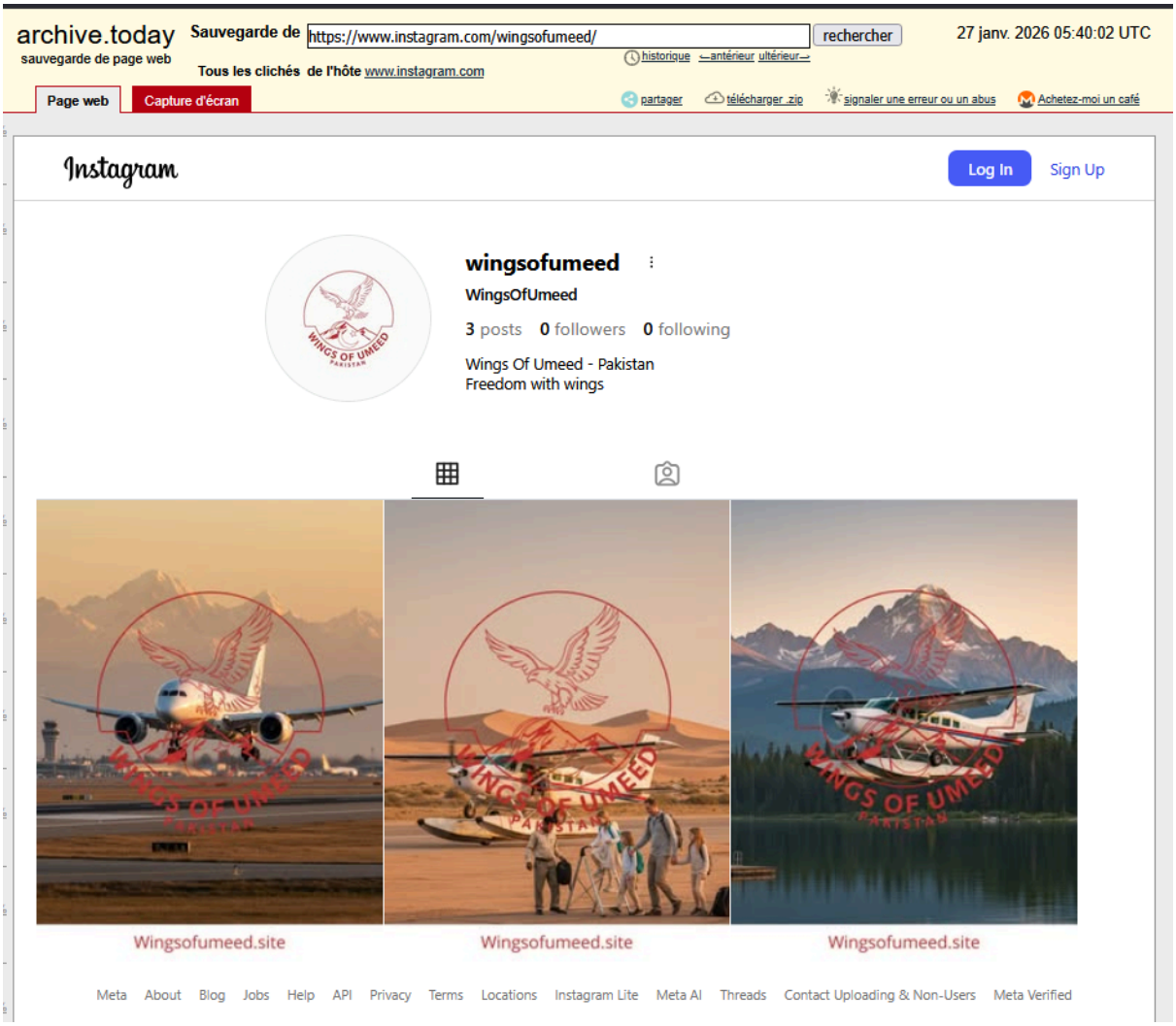



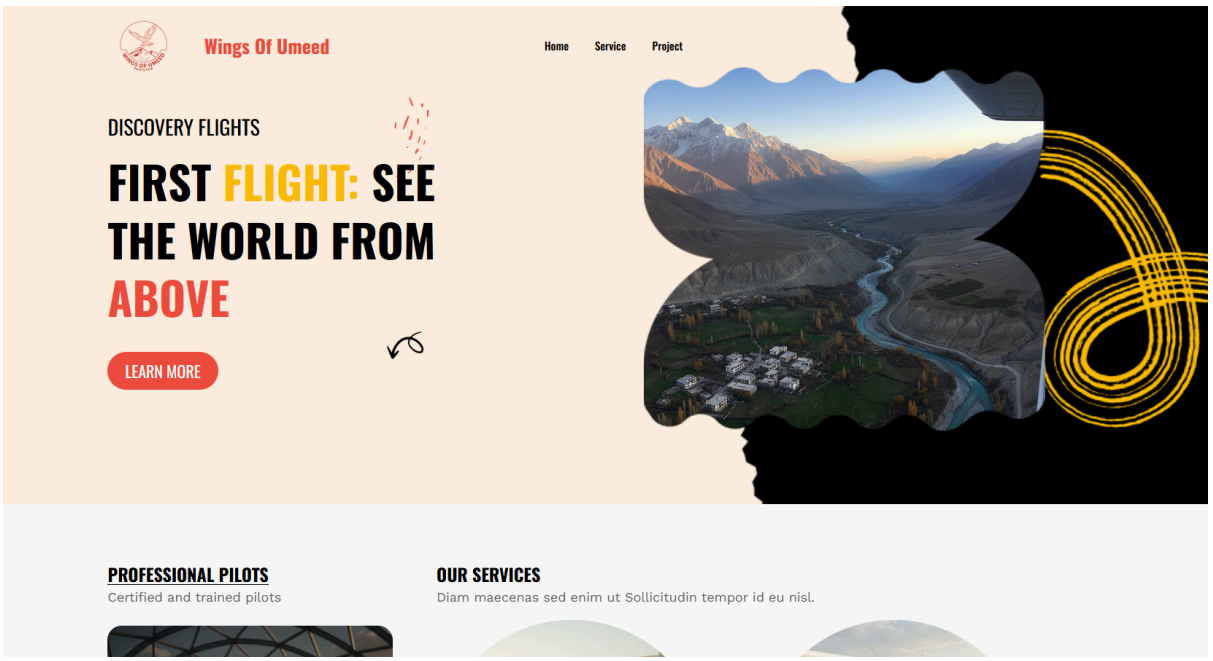

8. Find Organization website

From their Instagram account, you can check webarchive, you see that the picture now display a website :
https://www.instagram.com/wingsofumeed/
https://archive.ph/I7jHq




The one before the 27th display a website on each image :





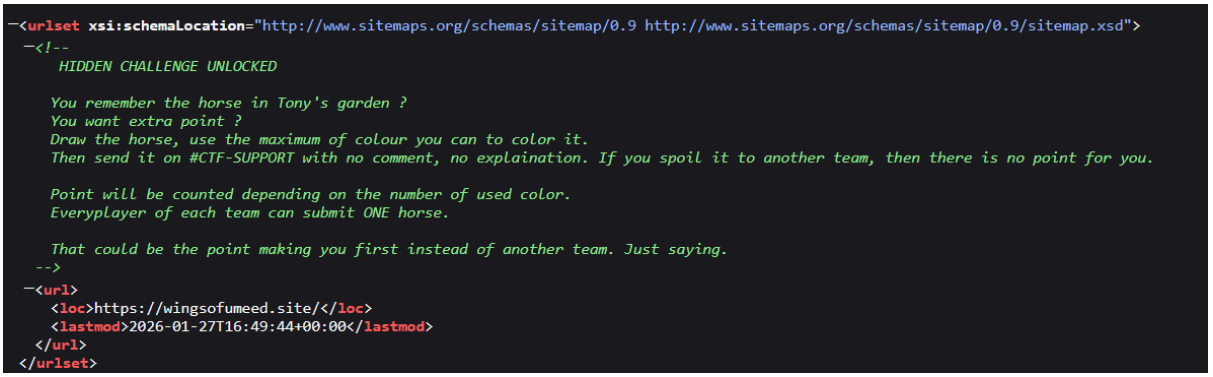

## Conclusion

You have found all the assets ! Now you can investigate freely on every question :)

# Hidden challenge

On the organization website you should check different publicly available websites, one being sitemap.xml.  http://wingsofumeed.site/sitemap.xml

Which will display :




Now draw the best looking horse, take your most colorful pencil and let’s do a coloring workshop 😀

# Main Challenges

# Challenge M1

## Question

Who stole the patent ?
MIR4GE{First-Lastname}
MIR4GE{Austin-Power}

## Answer

Askin Shilmani
MIR4GE{Askin-Shilmani}

## Path

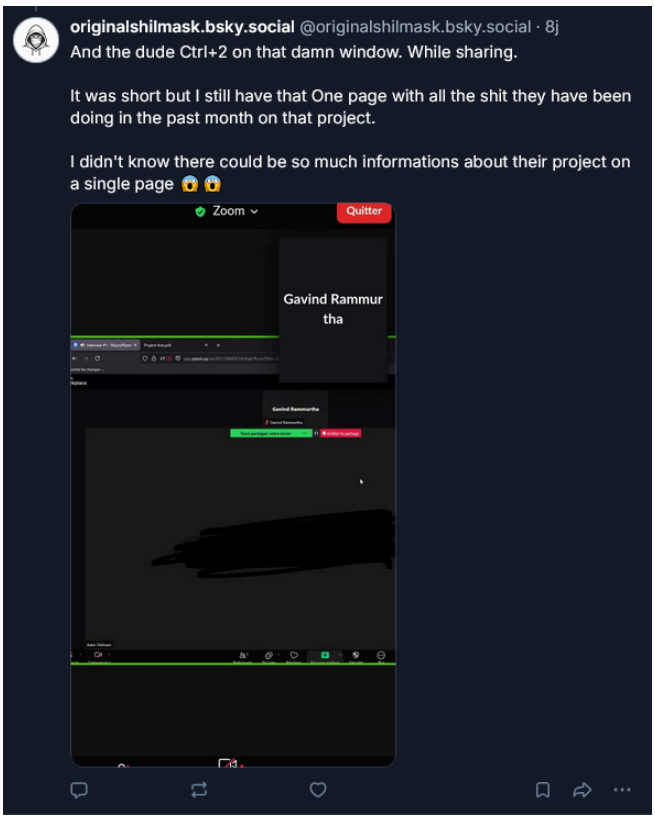
As the flag is a first name and a last name, we need that information (username isn't enough)

Prerequisite :

1. Find the bluesky account of ShilMask
2. Find the Instagram of Askin Shilmani

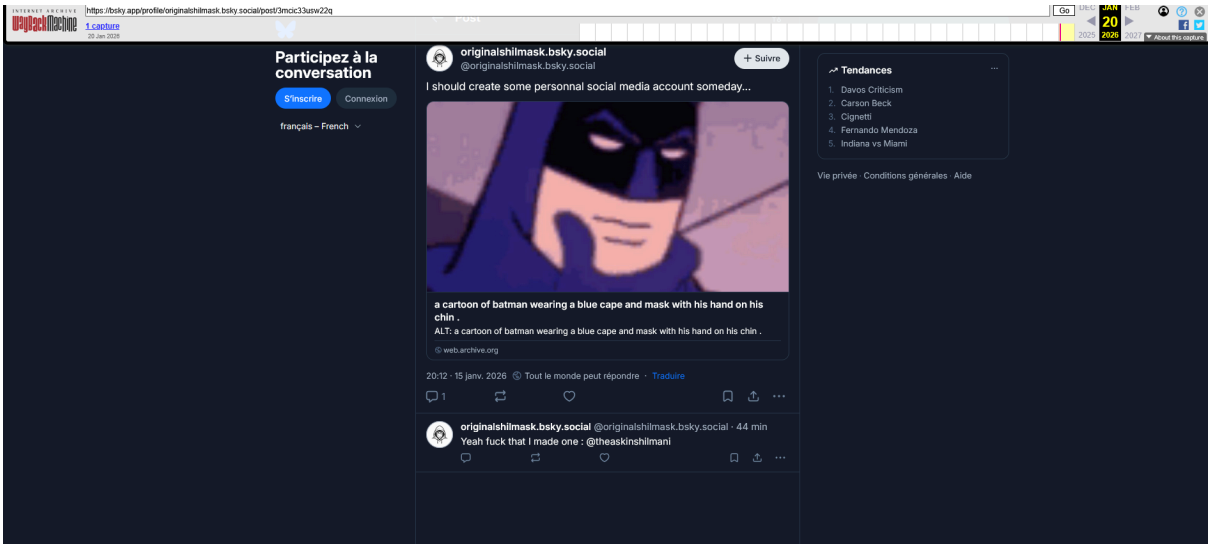
Steps

1. On the bluesky, Shilmask is bragging that he got the patent, on a single page while he was interviewed :

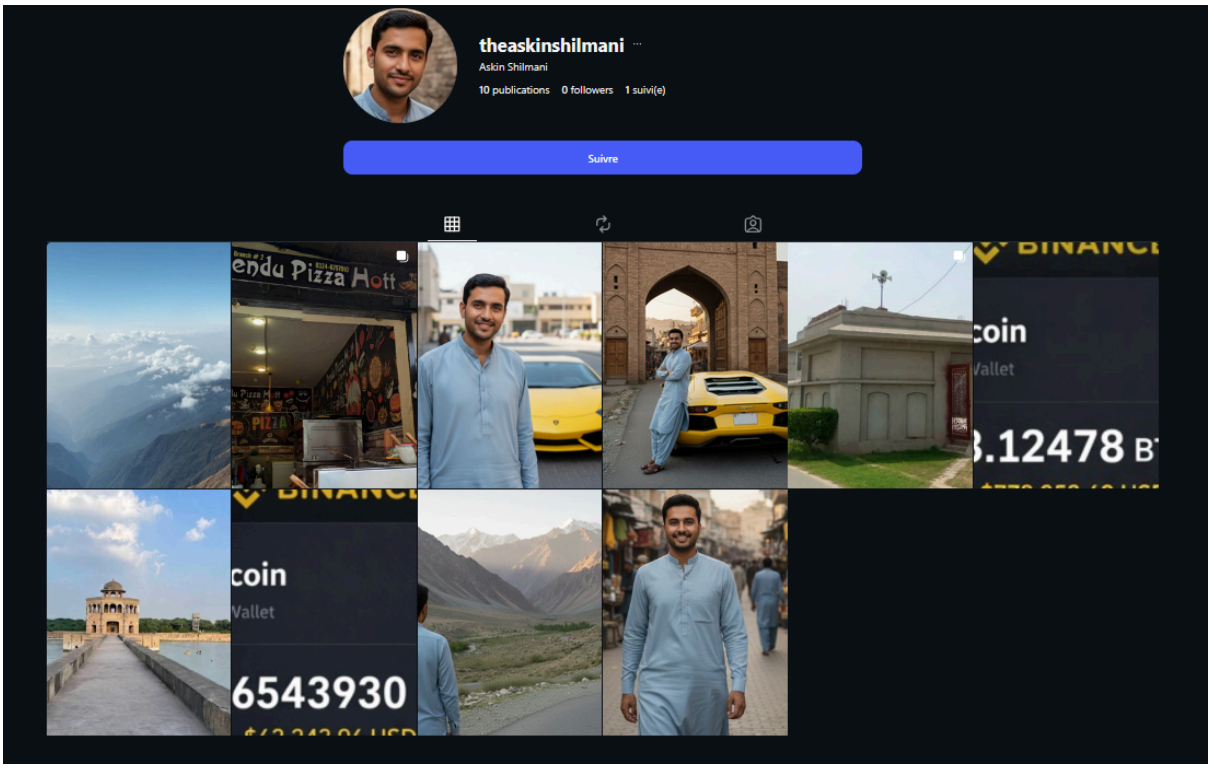



It confirm that you Shilmask is the attacker

2. To find the name of the attacker, you need to find the personal instagram account. To find it, check the archives of the post he is talking about creating a personal Instagram account :




3. You can now find :



# Challenge M2

## Question

When did he stole it ?
MIR4GE{Date_ApproximateTime}
MIR4GE{10/01/2026_15:00PM_UTC}

## Answer

MIR4GE{20/01/2026_4:30AM_UTC}

Could be accepted :
10:00 AM (IST) → 4:30AM (UTC)

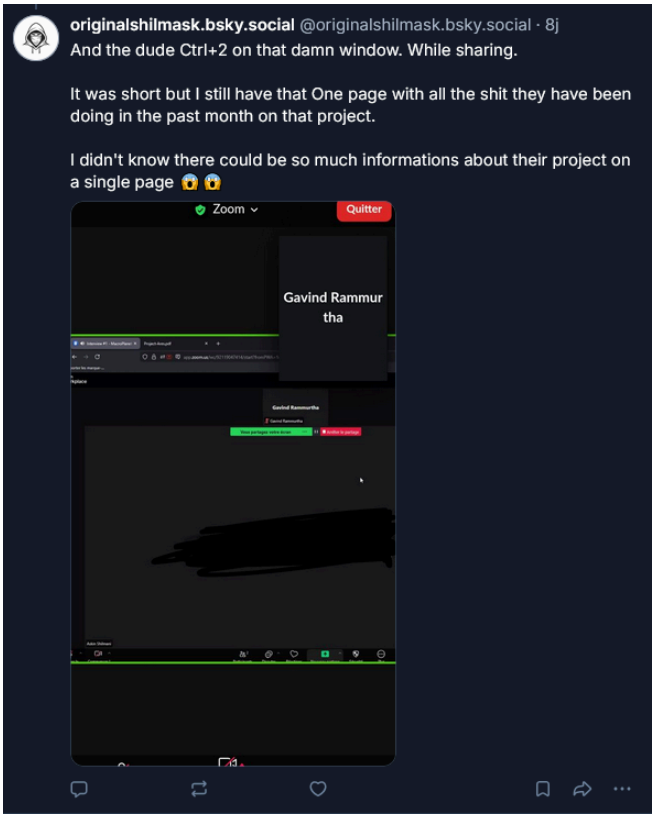
## Path

Prerequisite :

1. Find the bluesky account of ShilMask

Steps

1. It was stolen during the interview :




2. Which happened on “Tuesday 10:00AM (IST)” after the 18/01/2026.

Next tuesday after that post was the 20/01/2026 at 10AM(IST)

# Challenge M3

## Question

What is the name of the project around the patent ?
MIR4GE{Project-Name}
MIR4GE{Project-Armageddon}

## Answer

MIR4GE{Project-Ares}

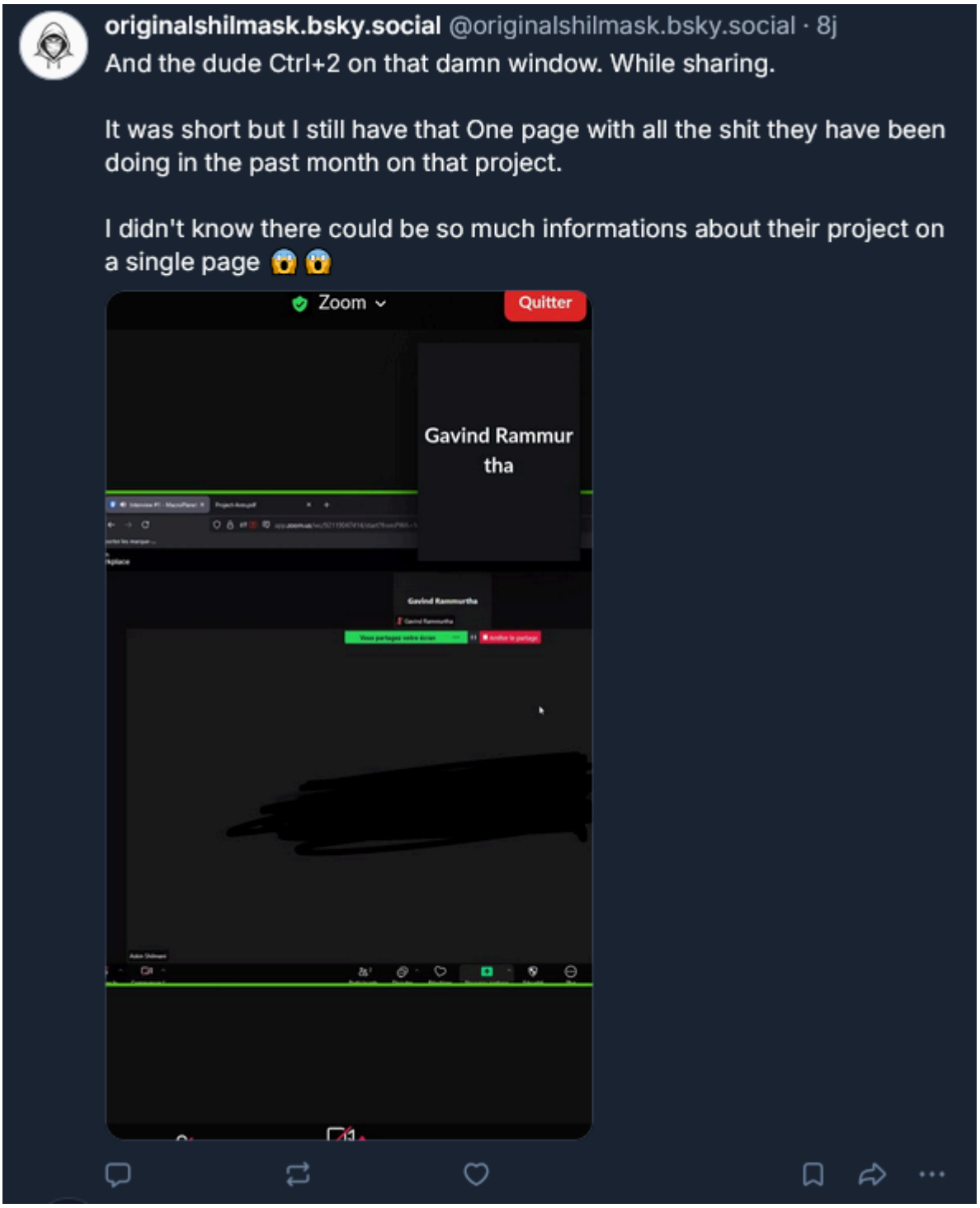
## Path

Prerequisite :

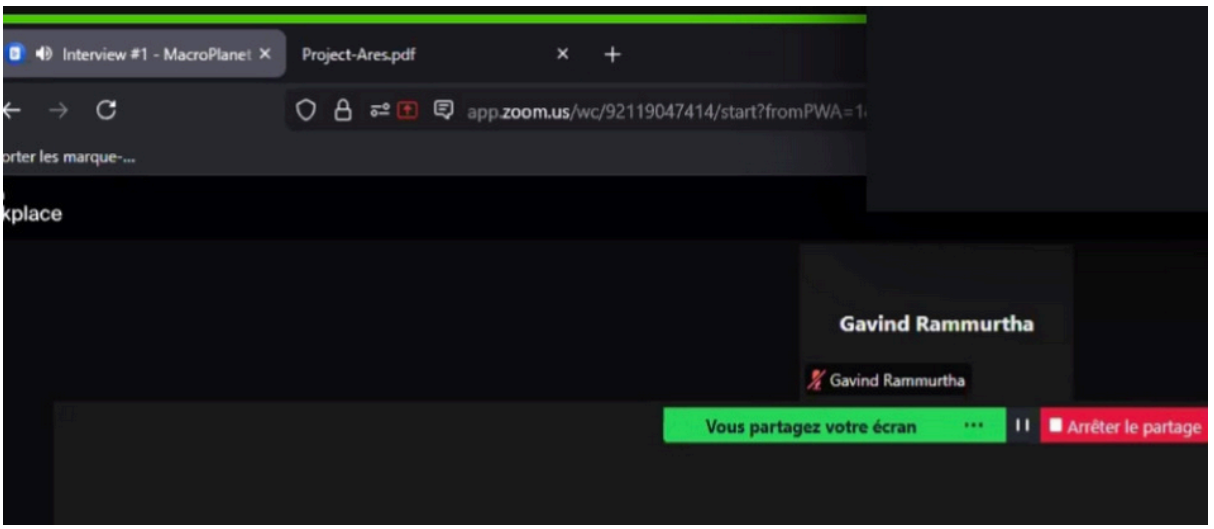
1. Find the bluesky account of ShilMask

Steps :

1. On Shilmask bluesky, he is bragging about the interview and how he got the patent :




2. Zooming on the picture you will see :


Interview #1 - MacroPlanet
Project-Ares.pdf
app.zoom.us/wc/92119047414/start?fromPWA=1
Gavind Rammurtha
Gavind Rammurtha
Vous partagez votre écran
Arrêter le partage

# Challenge M4

## Question

How much money did the transaction brought to the attacker ?
MIR4GE{Ammount$}
MIR4GE{242,000.42$}

## Answer

MIR4GE{665 079,23$}

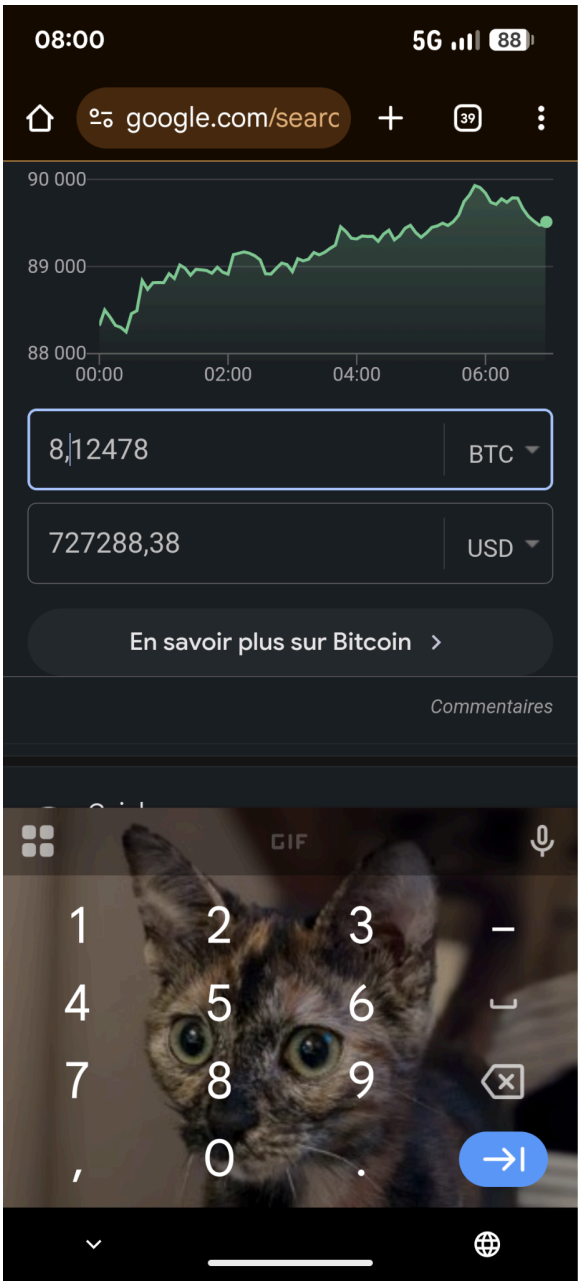
## Path

1. Let’s break it down : First post on the 14 showing his BTC wallet. Then, on the 21 he showed it again (after he talked about having an opportunity and having informations about Project Ares) :

18th January : 62 209,15

95 063,91 x 0.6543930 = 62 209,15725663

21st January : 727 288,38




3. Make the difference:
727 288,38 - 62 209,15 = 665 079,23$

# Challenge M5

## Question

What was bought with the money ?
MIR4GE{Brand_Model_Color}
MIR4GE{Renault_Twingo_Red}

## Answer

MIR4GE{Lamborghini_Aventador_Yellow}

## Path

1. Once you found the Instagram of Askin Shilmani, you will see that the dream he was talking about on social media was to buy a Lamborghini Aventador.

# Challenge M6

## Question

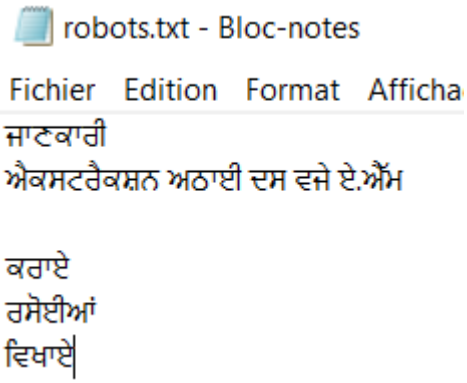
What organization has helped during the exfiltration ?
MIR4GE{Organization-Name}
MIR4GE{World-Wildlife-Fund}

## Answer

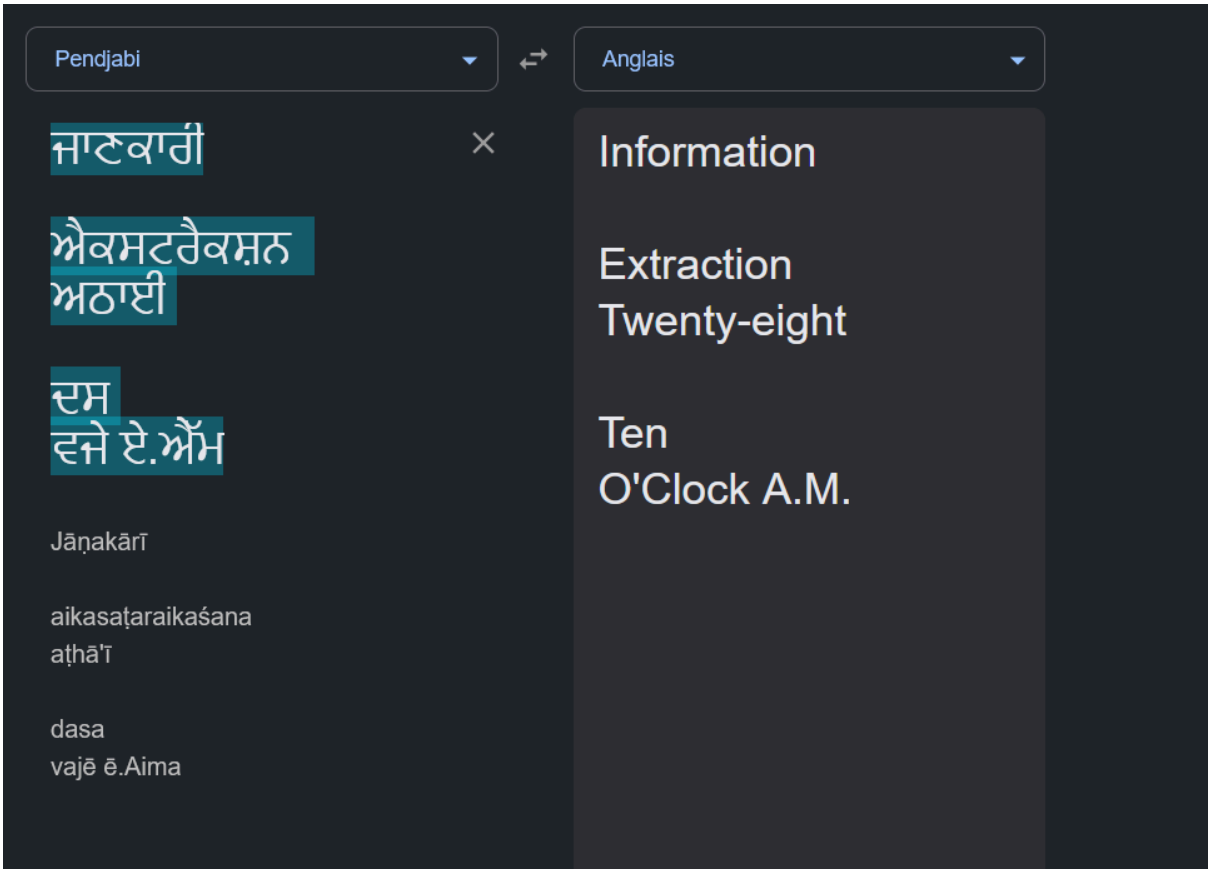
MIR4GE{Wings-Of-Umeed}

## Path

1. Find Shilmask bluesky
2. Check comments on the “call for help” post.
3. Find the account with an invalid handle but a valid profile picture (Wings Of Umeed)
4. Search for the Instagram of Wings Of Umeed
5. Check archive to get the website
6. On the website : wingsofumeed.site/robots.txt, there is some punjabi that display the date and hour of exfiltration :




Become :




This is a confirmation that Wings Of Umeed is linked to the exfiltration.

# Challenge M7

## Question

Where is the exact place where the exfiltration took place ?
MIR4GE{Coordinates}
MIR4GE{82.51_23.80}

## Answer

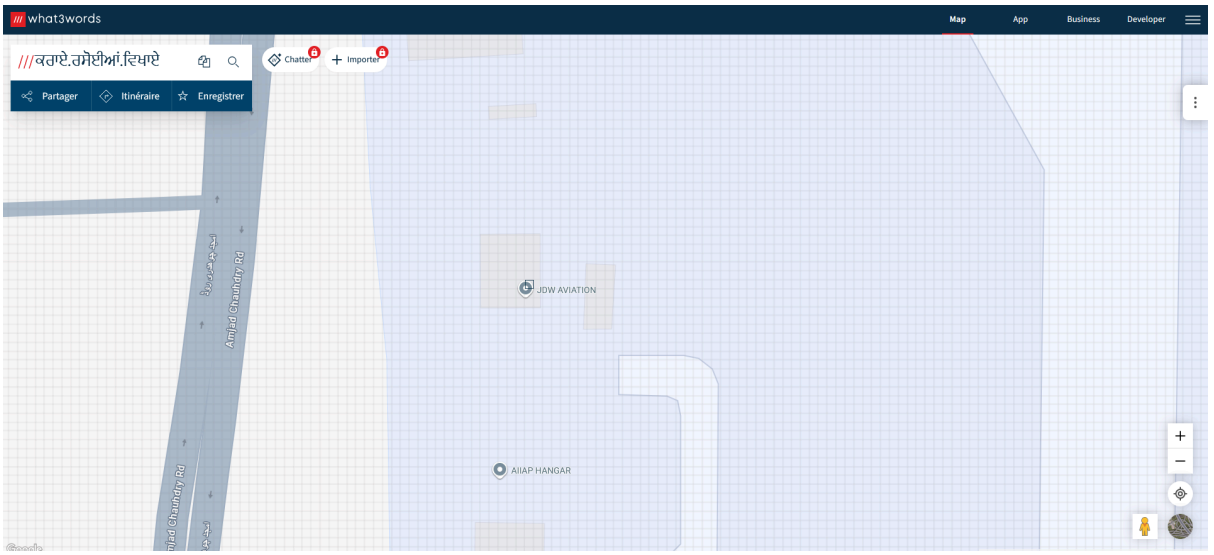
MIR4GE{31.53_74.40}

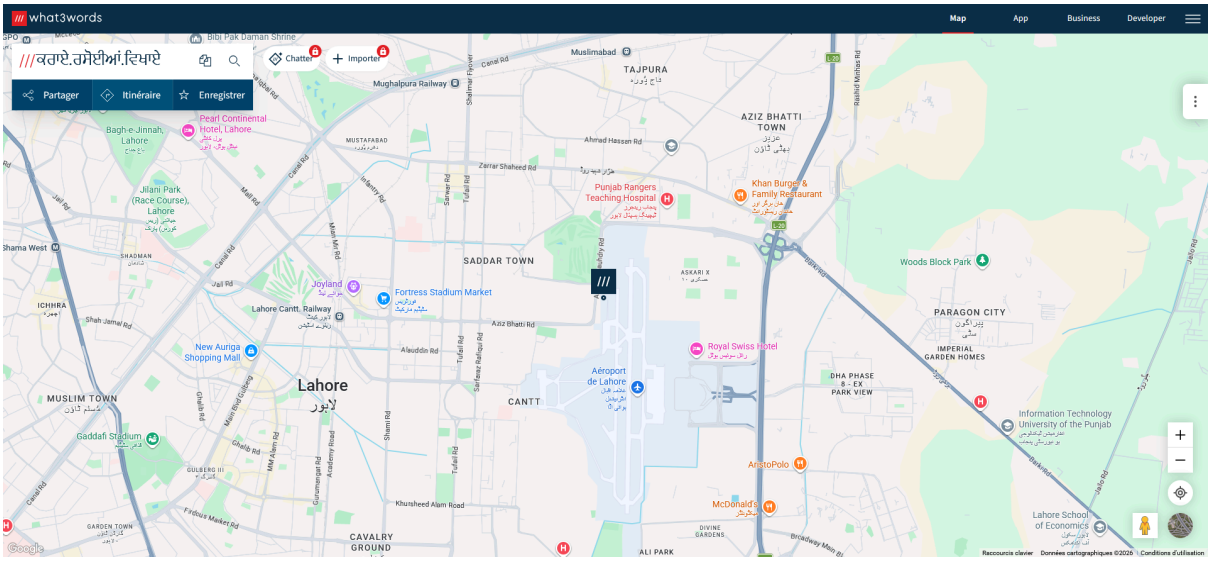
## Path

1. From the website robot.txt, you got 3 words at the end of the file that say :
   ਕਰਾਏ
   ਰਸੋਈਆਂ
   ਵਿਖਾਏ
   ਜਾਣਕਾਰੀ
   ਐਕਸਟਰੈਕਸ਼ਨ ਅਠਾਈ ਦਸ ਵਜੇ ਏ.ਐੱਮ

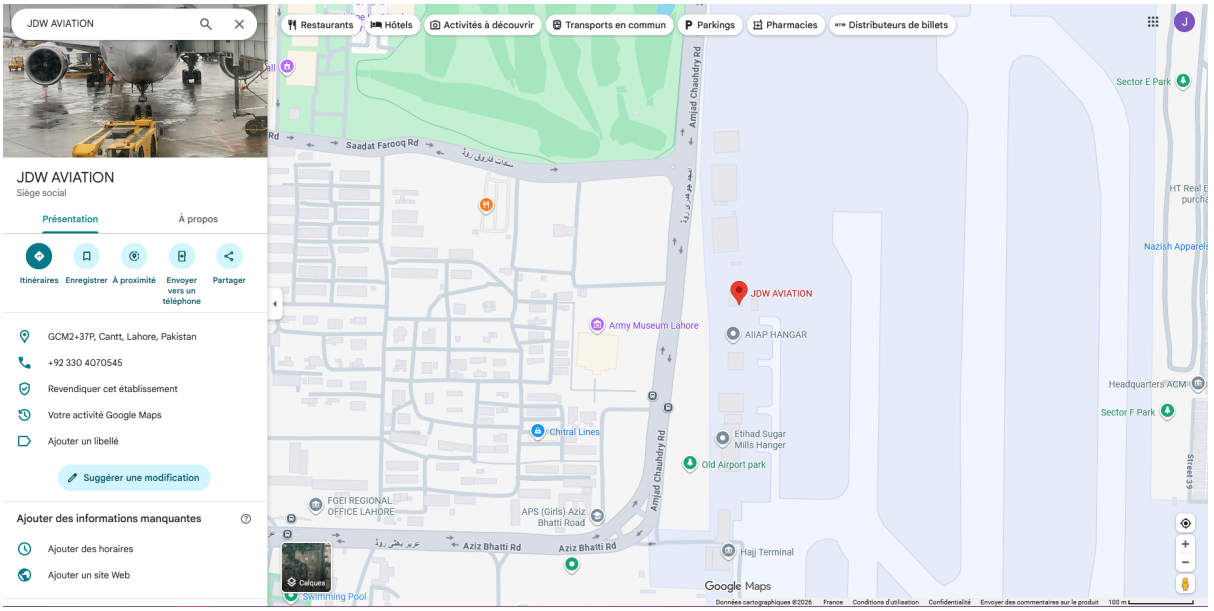
   ਕਰਾਏ
   ਰਸੋਈਆਂ
   ਵਿਖਾਏ

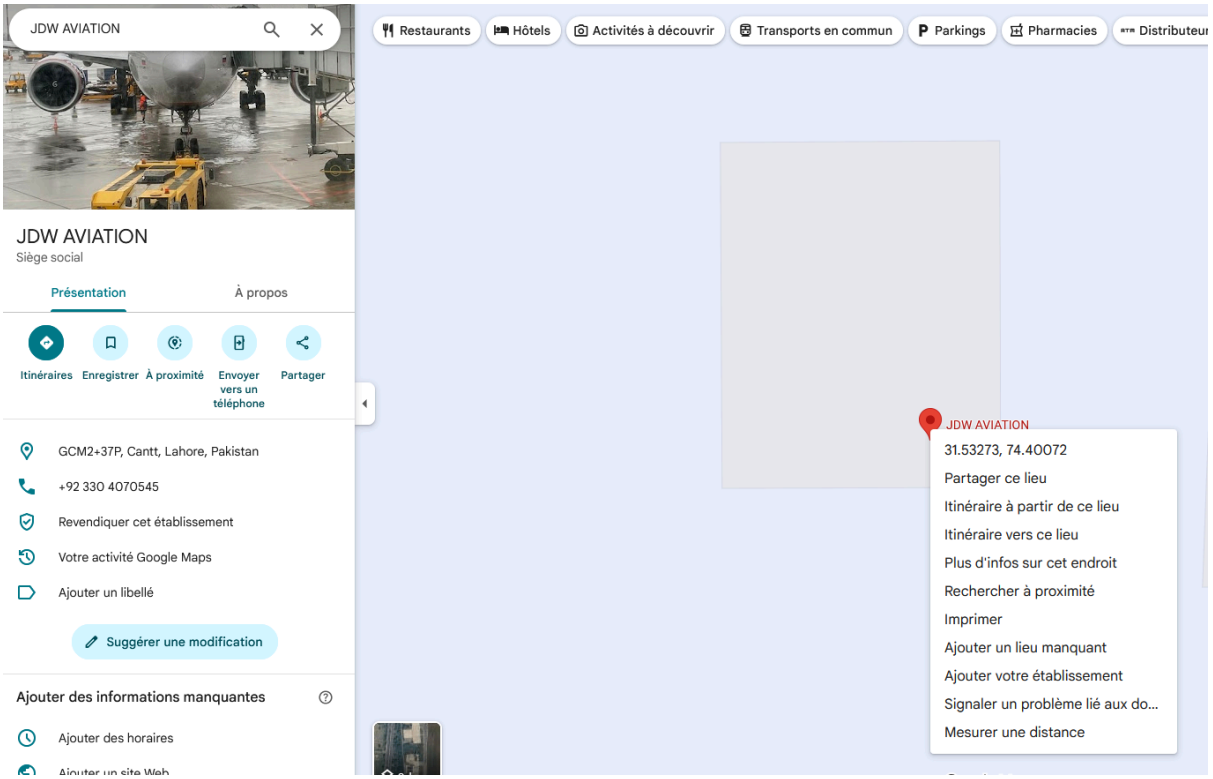
2. Check the w3w : ///ਕਰਾਏ.ਰਸੋਈਆਂ.ਵਿਖਾਏ
   https://what3words.com/%E0%A8%95%E0%A8%B0%E0%A8%BE%E0%A8%8F.%E0%A8%B0%E0%A8%B8%E0%A9%8B%E0%A8%88%E0%A8%86%E0%A8%82.%E0%A8%B5%E0%A8%BF%E0%A8%96%E0%A8%BE%E0%A8%8F






3. Now find the place on Gmap to get the coordinates : https://www.google.com/maps/place/JDW+AVIATION/@31.5327243,74.3981275,17z/data=!3m1!4b1!4m6!3m5!1s0x39190594cda03e5f:0x12d17faab70165b2!8m2!3d31.5327198!4d74.4007024!16s%2Fg%2F11kbl96xh5?entry=ttu&g_ep=EgoyMDI2MDEyOC4wIKXMDSoASAFQAw%3D%3D




JDW AVIATION
JDW AVIATION
Siège social
Présentation
À propos
Itinéraires
Enregistrer
À proximité
Envoyer vers un téléphone
Partager
GCM2+37P, Cantt, Lahore, Pakistan
+92 330 4070545
Revendiquer cet établissement
Votre activité Google Maps
Ajouter un libellé
Suggérer une modification
Ajouter des informations manquantes
Ajouter des horaires
Restaurants
Hôtels
Activités à découvrir
Transports en commun
Parkings
Pharmacies
JDW AVIATION
31.53273, 74.40072
Partager ce lieu
Itinéraire à partir de ce lieu
Itinéraire vers ce lieu
Plus d'infos sur cet endroit
Rechercher à proximité
Imprimer
Ajouter un lieu manquant
Ajouter votre établissement
Signaler un problème lié aux do...
Mesurer une distance

31.532, 74.400

# Challenge M8

## Question

What is last know coordinates of attacker ?
MIR4GE{Street-Name}
MIR4GE{Baker-Street}

## Answer

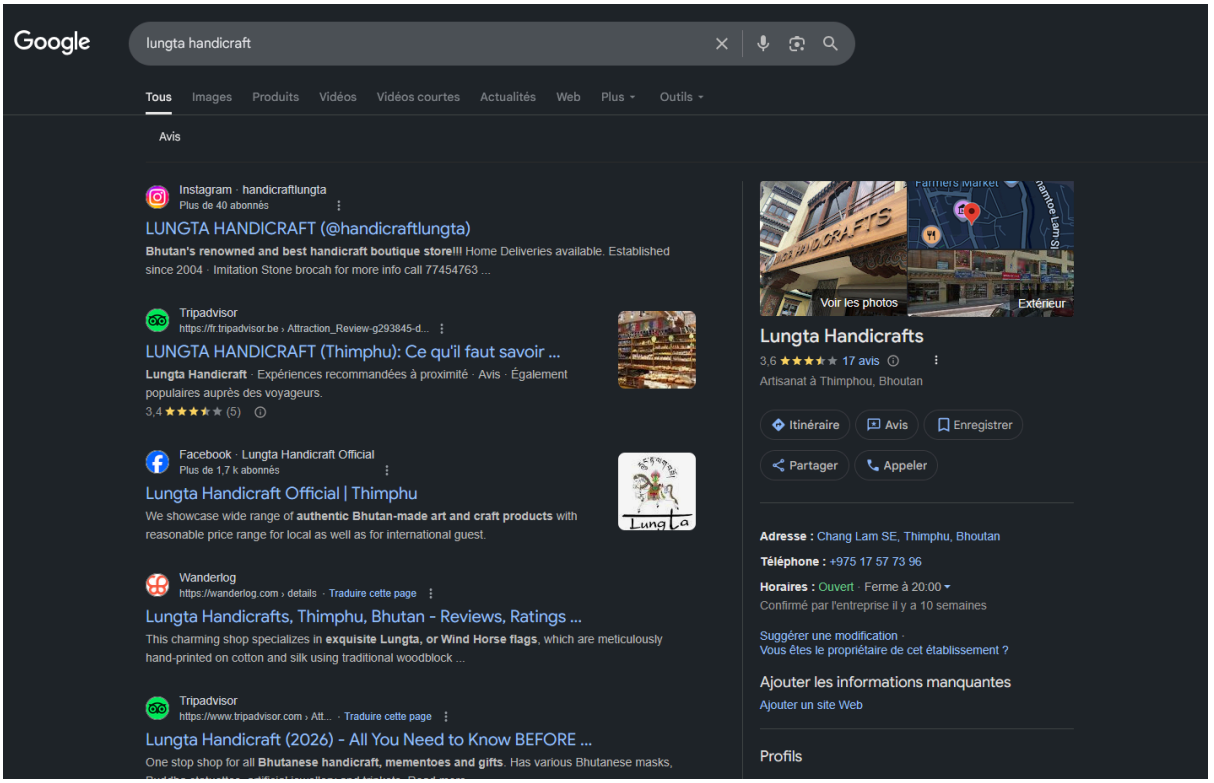
MIR4GE{Chang-Lam-Se}

## Path

1. From the original picture :

Look for the right part “Lungta Handi…..”

2. You get an adress from the google search :




3. You end up in the same road as original picture :

4. It is Chang Lam Se

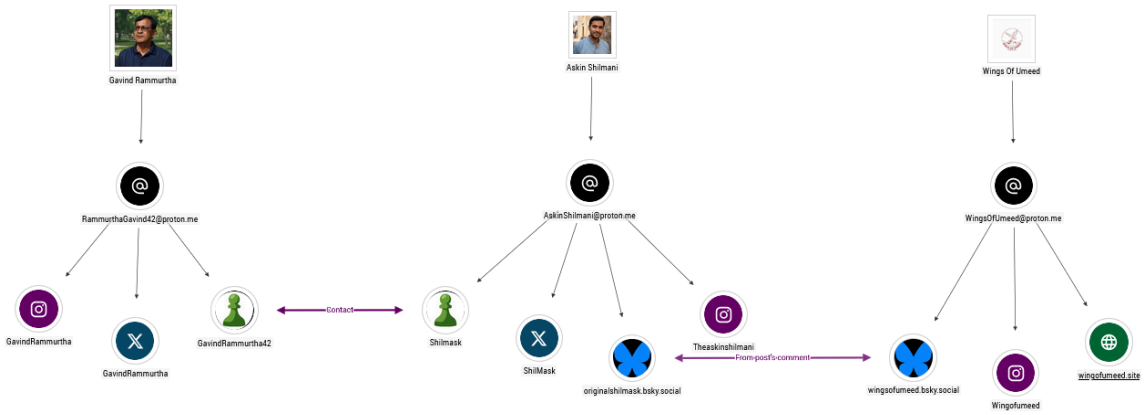
# Challenge M9

## Question

Give all the username and accounts you have been able to find during your investigation. (No need for flags, just give it all)

## Answer

The exhaustive list is :




## Path

1. Every asset but the mail can (and need to) be find from the main path.

   Gavind :
   GavindRammurtha (X)
   GavindRammurtha (Instagram)
   GavindRammurtha42 (Chess.com)

   Askin :
   Shilmask (Chess.com)
   Shilmask (X)
   originalshilmask.bsky.social (Bluesky)

   Wings Of Umeed :
   Wingsofumeed.bsky.social
   Wingsofumeed (instagram)
   wingsofumeed.site (OPTIONAL)

# Bonus Challenges

# Challenge B1

## Question

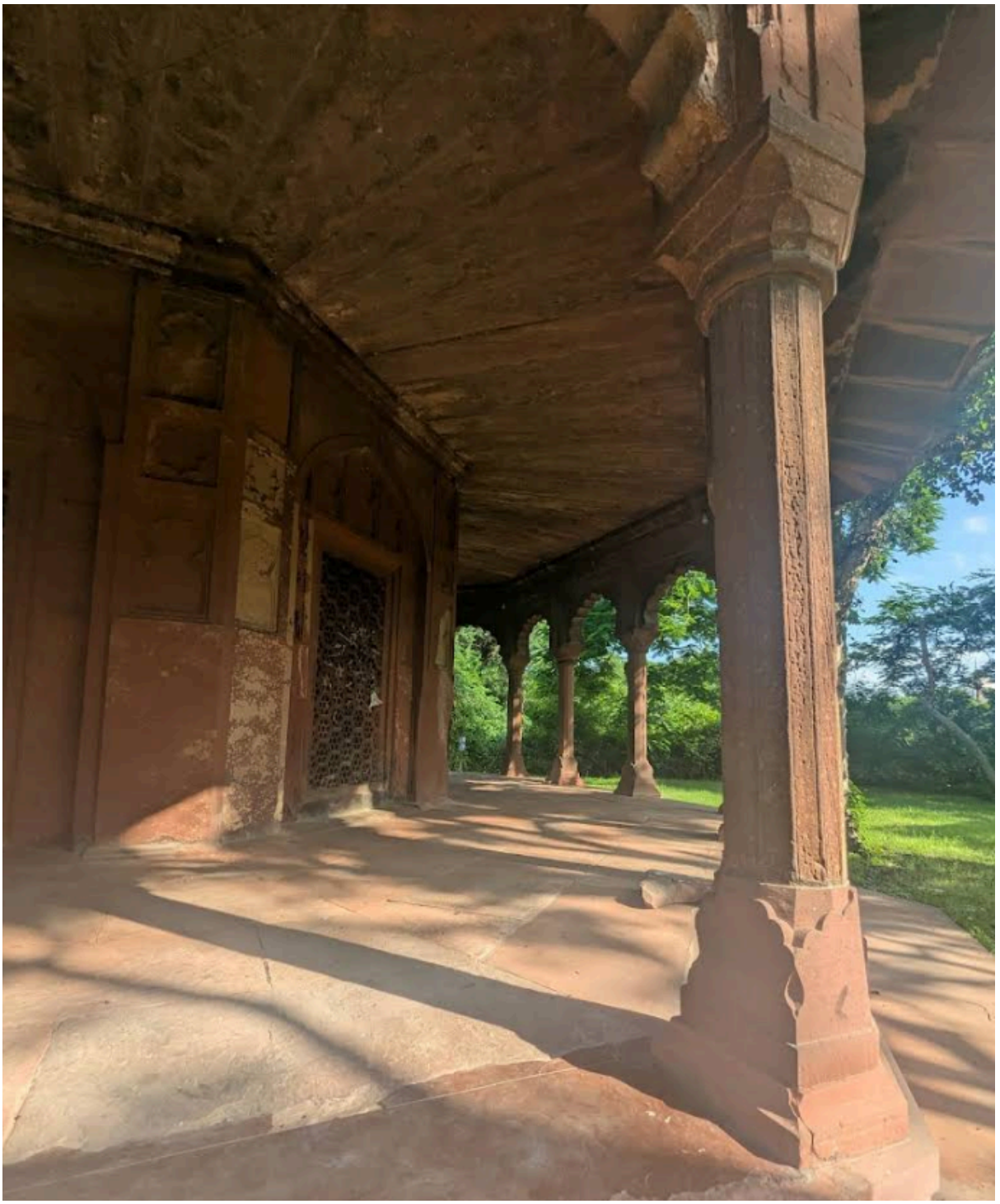
What is Tony last name ?
MIR4GE{LastName}
MIR4GE{Auditore}

## Answer

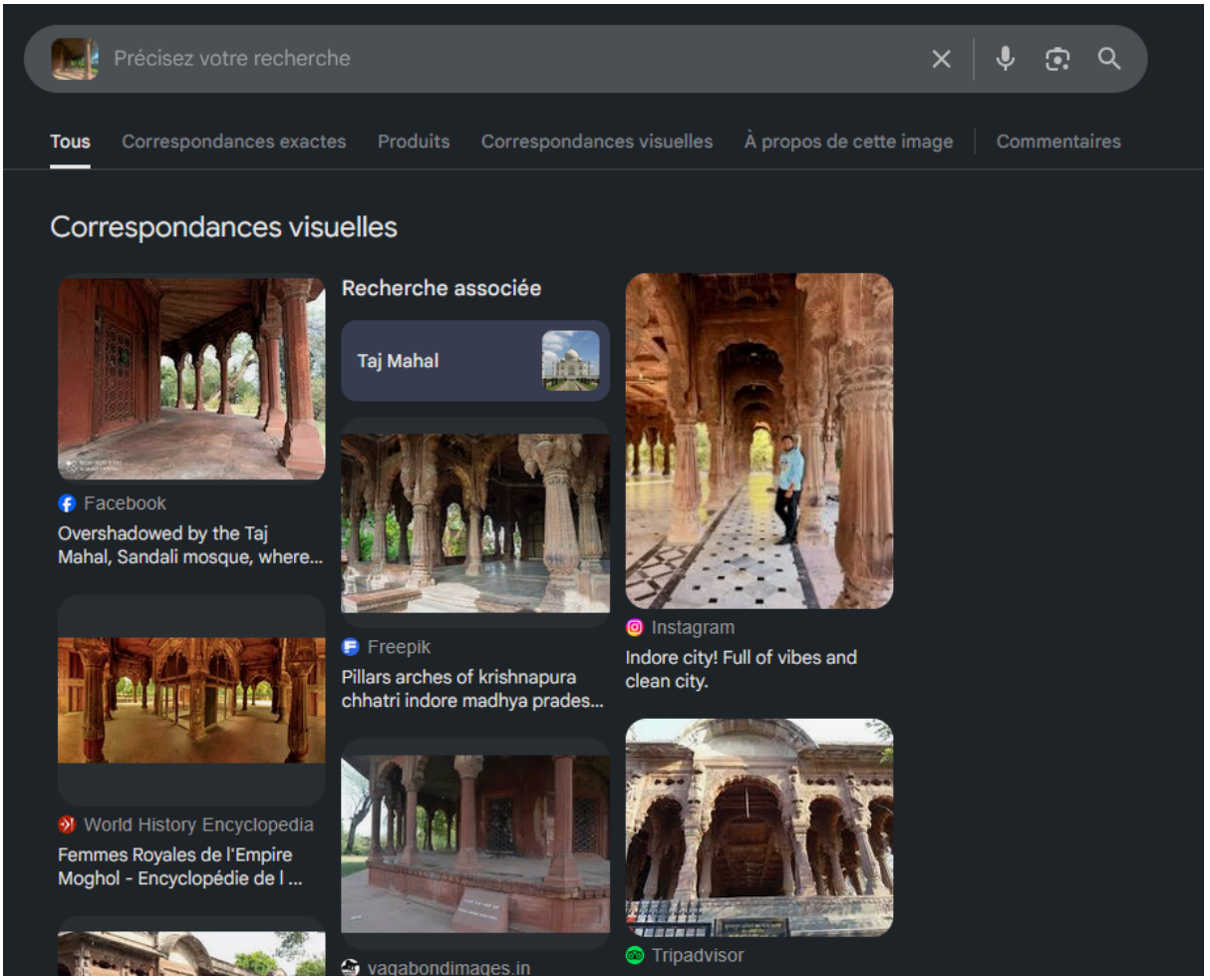
MIR4GE{Varghese}

## Path

1. The first post of  Gavind show this



Reverse Image Search (RIS) will give you :



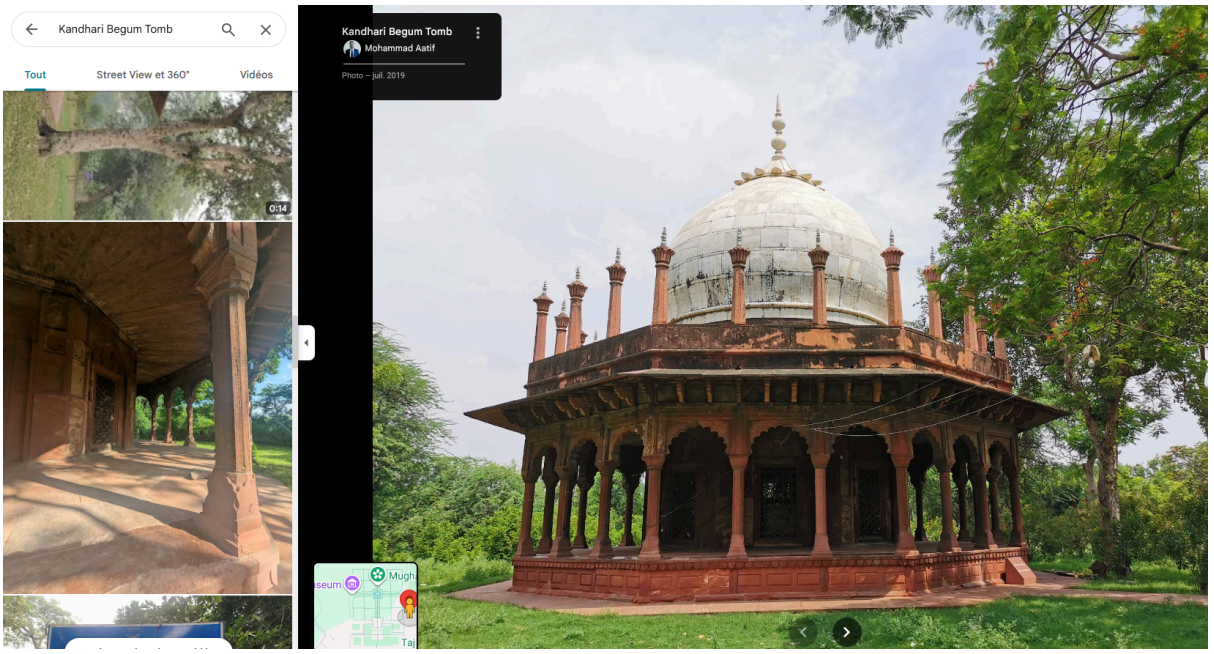

2. First link will give you the name of the exact place : Grave of Kandhari Begum

## Publication de Agra Tour Guide - Kaimur Holidays

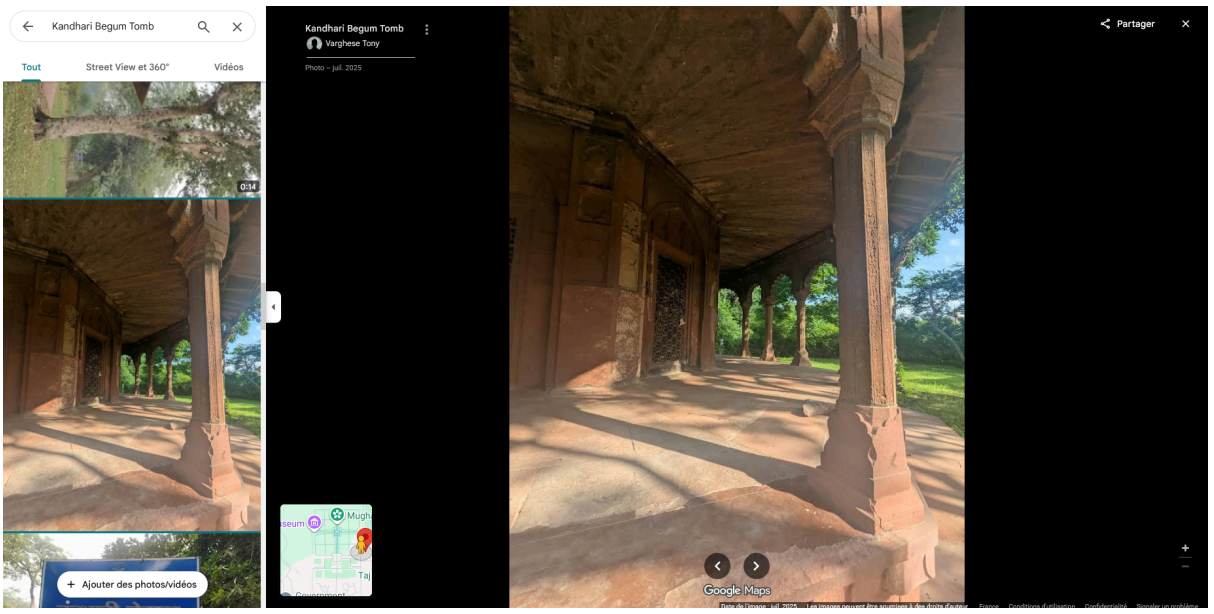
**Agra Tour Guide - Kaimur Holidays**
4 janvier 2020 ·

Overshadowed by the Taj Mahal, Sandali mosque, where the grave of Kandhari Begum, the first wife of Mughal emperor Shahjahan, lies, has various mysteries that surround its many feline residents.
#agratrip #agrawalk #agrabylocals #privateagratrip #agratourguide #tajmahaltrip #tajmahalphototrip

3. Looking throught Google Maps of the place, you will see photo posted by people :




4. Finally, find the original picture :



posted by :

# Challenge B2

## Question

What model is the scooter in front of Tony's old house?
MIR4GE{Brand-Model}
MIR4GE{Piaggio-Medley}

## Answer

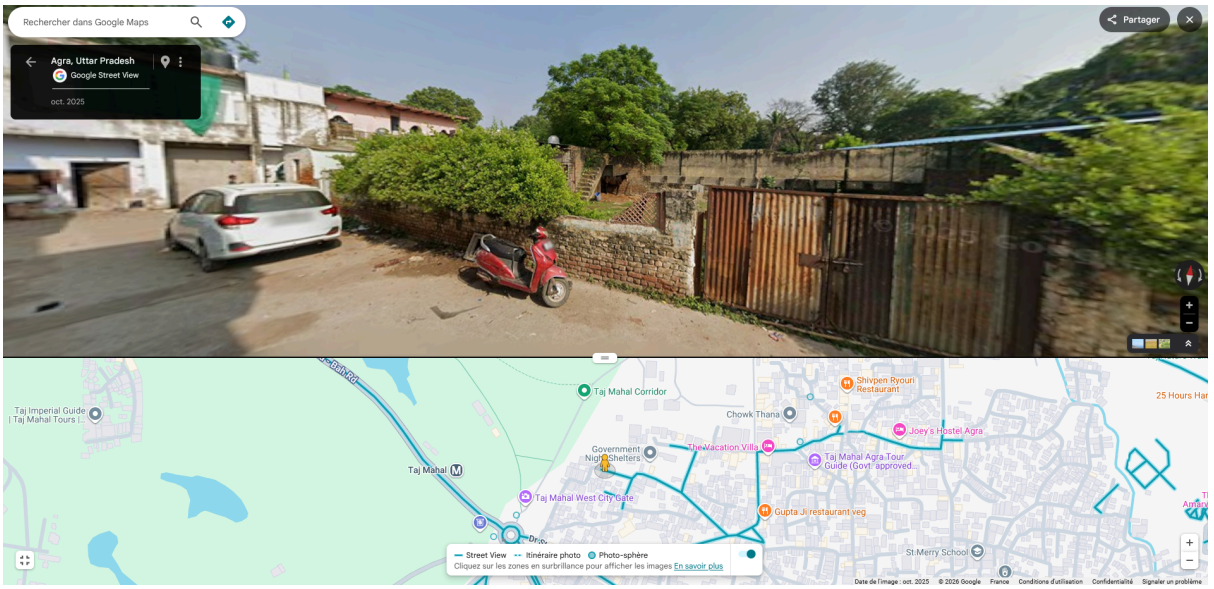
MIR4GE{Honda-Activa}

## Path

1. Previous post was posted on the same day. We can then admit that the place we are looking for is near :

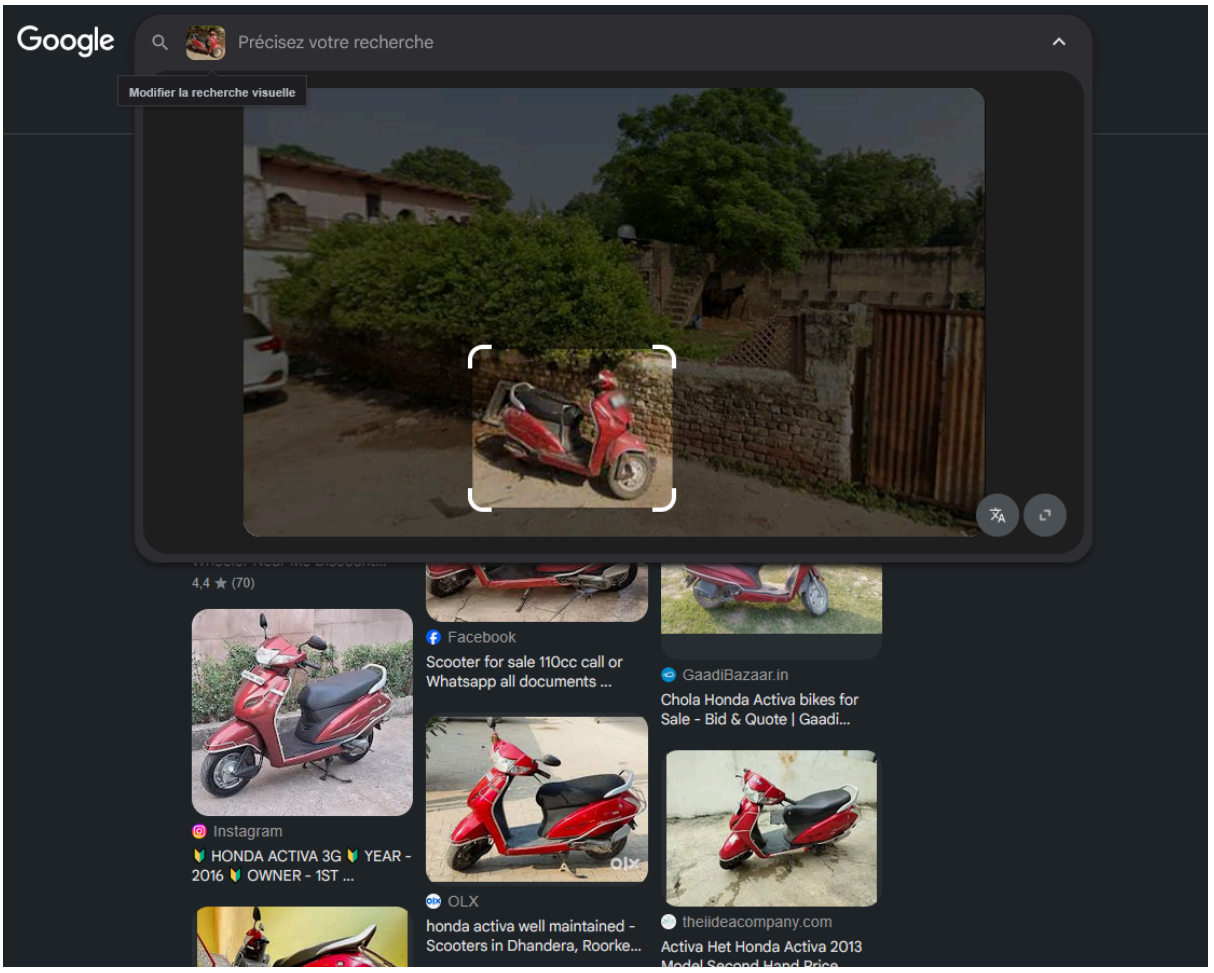
Not alot of street view to search.

Checking manually places around would bring us :




2. Zooming on the scooter, we can see “activa”

3. Reverse image search on the scooter :




It’s a Honda Activa

# Challenge B3

## Question

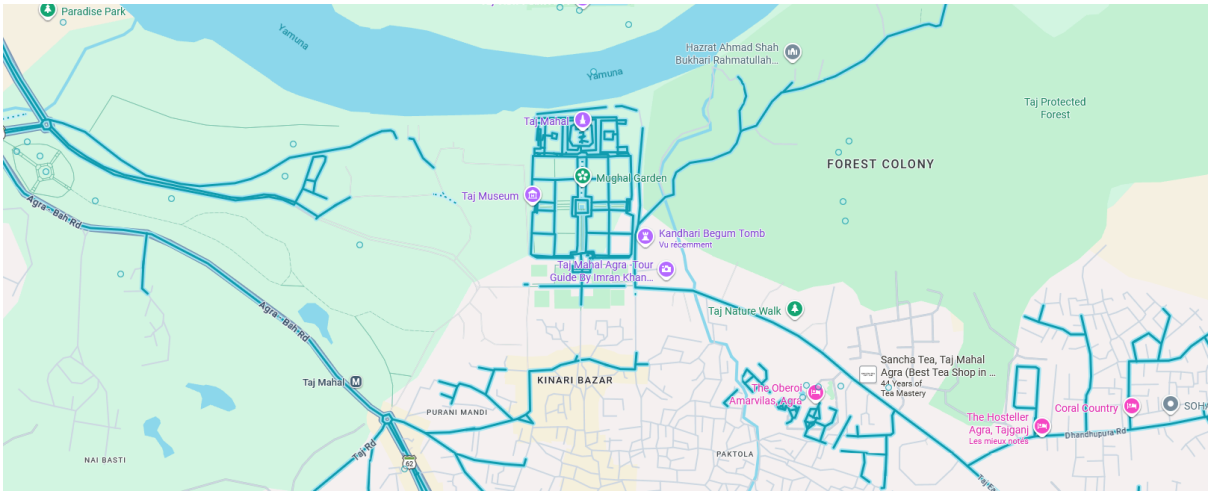
What is the forest or park where Gavind likes to hike ?
MIR4GE{Forest-Name}
MIR4GE{Black-Forest}

## Answer

MIR4GE{Taj-Protected-Forest}

## Path

1. Once again, due to the time difference between post, we can assume it's a place in Agra, near previous post.
2. As there is not alot of places available on Street View in the close forests we can manually check :



3.

Rechercher dans Google Maps
Nivedit Singh
juin 2021
Agra Fort
Gyarah Sidhi
Mehtab Bagh
Anguri Bagh
Paradise Park
Taj View Point ADA
Amar Singh Gate
Hazrat Ahmad Shah Bukhari Rahmatullah...
Yamuna
Taj Mahal
Taj Protected Forest
Karmana Mustkil
Taj Mahal Parking
Mughal Garden
FOREST COLONY
Taj Museum
RAKABGANJ
Taj Mahal, Agra Tour Guide By Imran Khan
Taj Nature Walk
Street View
Itinéraire photo
Photo-sphère
Cliquez sur les zones en surbrillance pour afficher les images
En savoir plus

# Challenge B4

## Question

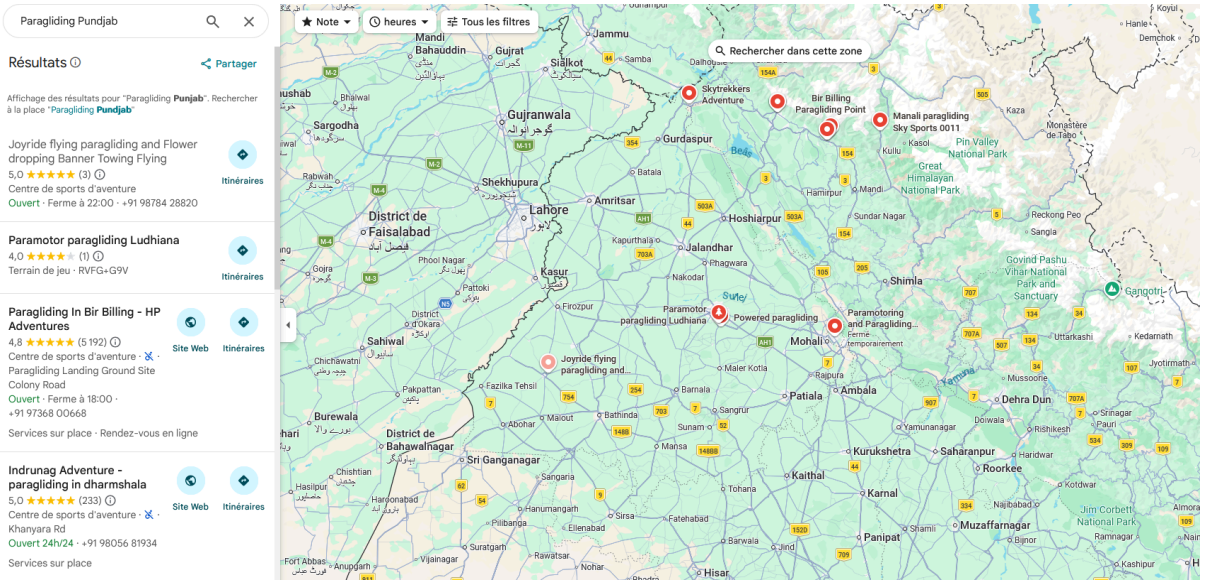
In what street and town is living Gavind's family ?
MIR4GE{Street-Name_Town}
MIR4GE{Victorias-Street_Edimburg}

## Answer

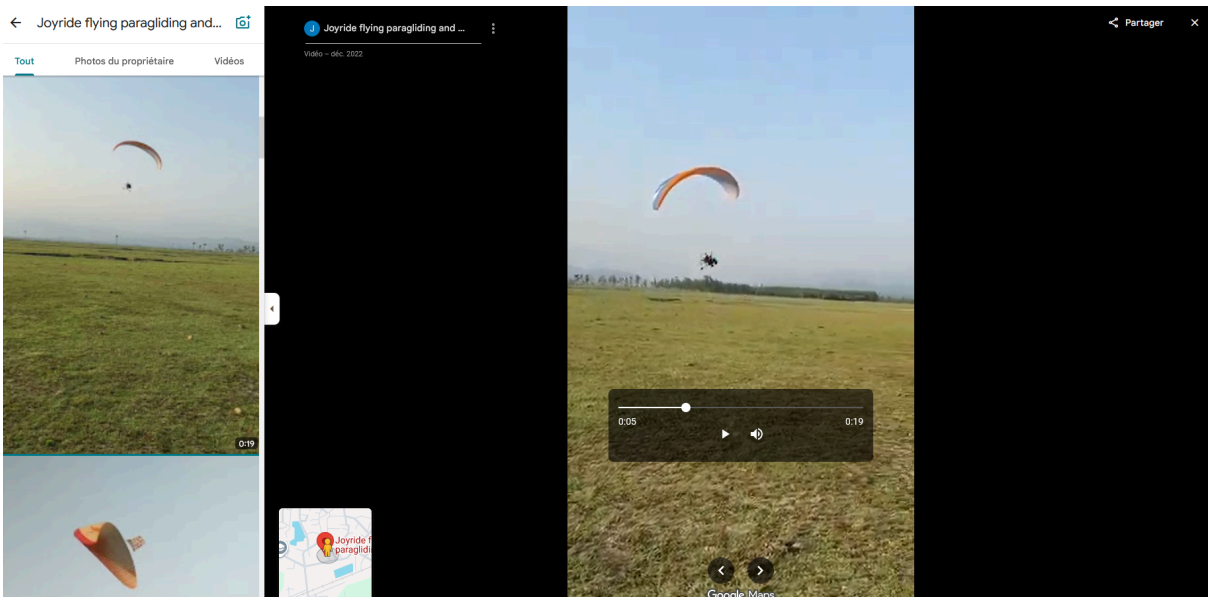
MIR4GE{Street-N°1_Udekaran}

## Path

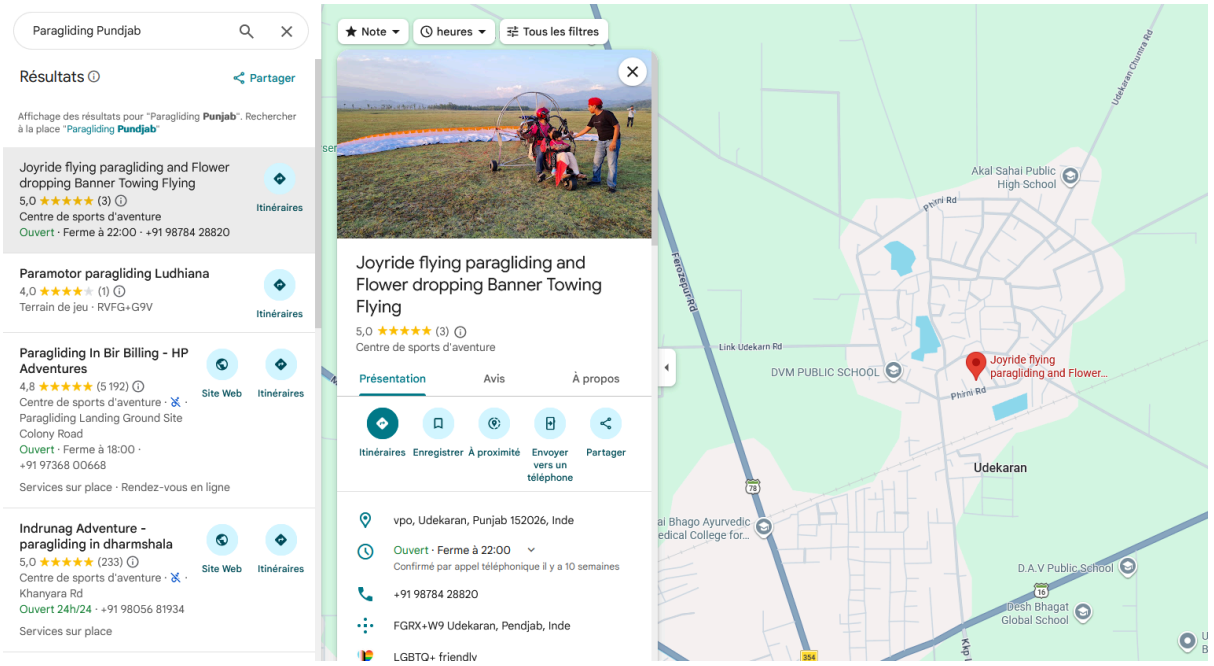
1. Check latest Gavind's post on Instagram :
   He is saying that his family is leaving near a paragliding place.
2. If you found the airport to follow the tracks of Gavind, you know he was in Pundjab before leaving for Dubaï.
   This mean that his family is living in Pundjab near a Paragliding place :



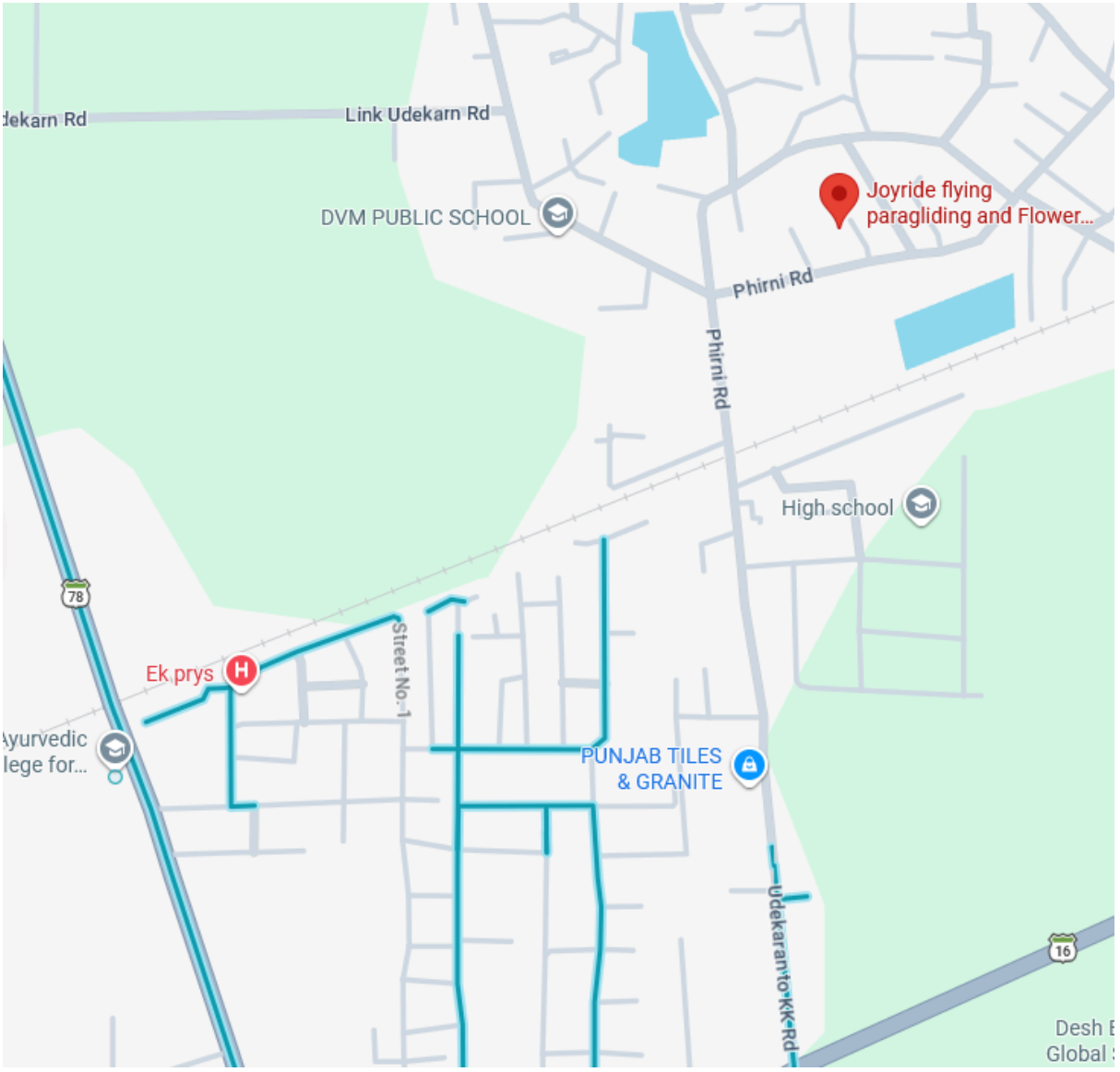

3. Check the places until you end up on the original video containing the image from the post :




Its the Joyride flying paragliding and flower dropping banner towing flying, in Udekaran :



4. Look around this place :




Not alot of street has a name.

5. You should end up pretty quickly on Gavind's family house on Street N°1

# Challenge B5

Apologies, There was a big misunderstanding while making this challenge, two mistakes were made :

- even if i used a indian website to check the fly, the site was adapting its time to my geolocation. The 11:55PM was in fact 3:55am there.
- There was a stop midway. Even if you found the plane on ADS-B Exchange, it would have say it's destination was Pune and not Dubaï. and the stop was more than 20hours.
  https://www.flightaware.com/live/flight/IGO721/history

| | | | | | | |
|---|---|---|---|---|---|---|
| 15-Jan-2026 | *A20N* | Pune / Lohegaon Air Force Base (PNQ / VAPO) | Sri Guru Ram Dass Jee International Airport (ATQ / VIAR) | *03:05AM IST* | *05:10AM IST* | Cancelled |
| 14-Jan-2026 | A20N | Pune / Lohegaon Air Force Base (PNQ / VAPO) | Sri Guru Ram Dass Jee International Airport (ATQ / VIAR) | 04:11AM IST | 06:11AM IST | 1:59 |
| 13-Jan-2026 | A20N | Pune / Lohegaon Air Force Base (PNQ / VAPO) | Sri Guru Ram Dass Jee International Airport (ATQ / VIAR) | 03:50AM IST | 05:50AM IST | 1:59 |
| 11-Jan-2026 | A20N | Pune / Lohegaon Air Force Base (PNQ / VAPO) | Sri Guru Ram Dass Jee International Airport (ATQ / VIAR) | 03:26AM IST | 05:19AM IST | 1:52 |
| 10-Jan-2026 | A20N | Pune / Lohegaon Air Force Base (PNQ / VAPO) | Sri Guru Ram Dass Jee International Airport (ATQ / VIAR) | 03:40AM IST | 05:27AM IST | 1:47 |
| 09-Jan-2026 | A20N | Pune / Lohegaon Air Force Base (PNQ / VAPO) | Sri Guru Ram Dass Jee International Airport (ATQ / VIAR) | 03:13AM IST | 05:11AM IST | 1:57 |
| 08-Jan-2026 | A20N | Pune / Lohegaon Air Force Base (PNQ / VAPO) | Sri Guru Ram Dass Jee International Airport (ATQ / VIAR) | 03:25AM IST | 05:19AM IST | 1:53 |

Not impossible but pretty pretty rough for a challenge of this level.

Maybe further challenge will require this level of investigation with bounce on different plane to reach final destination. For now, we will take the challenge off. Making the maxpoint to 640 instead of 650.

Just so you get the global idea :

- Check on ADS-B Exchange for planes leaving the targeted airport
- Take it's ID and check plane history on flyaware

If you need to bounce :

- Check arrival airport, do the same again : ADS-B to check planes that left this airport then ID check on Flyaware

# Challenge B6

## Question

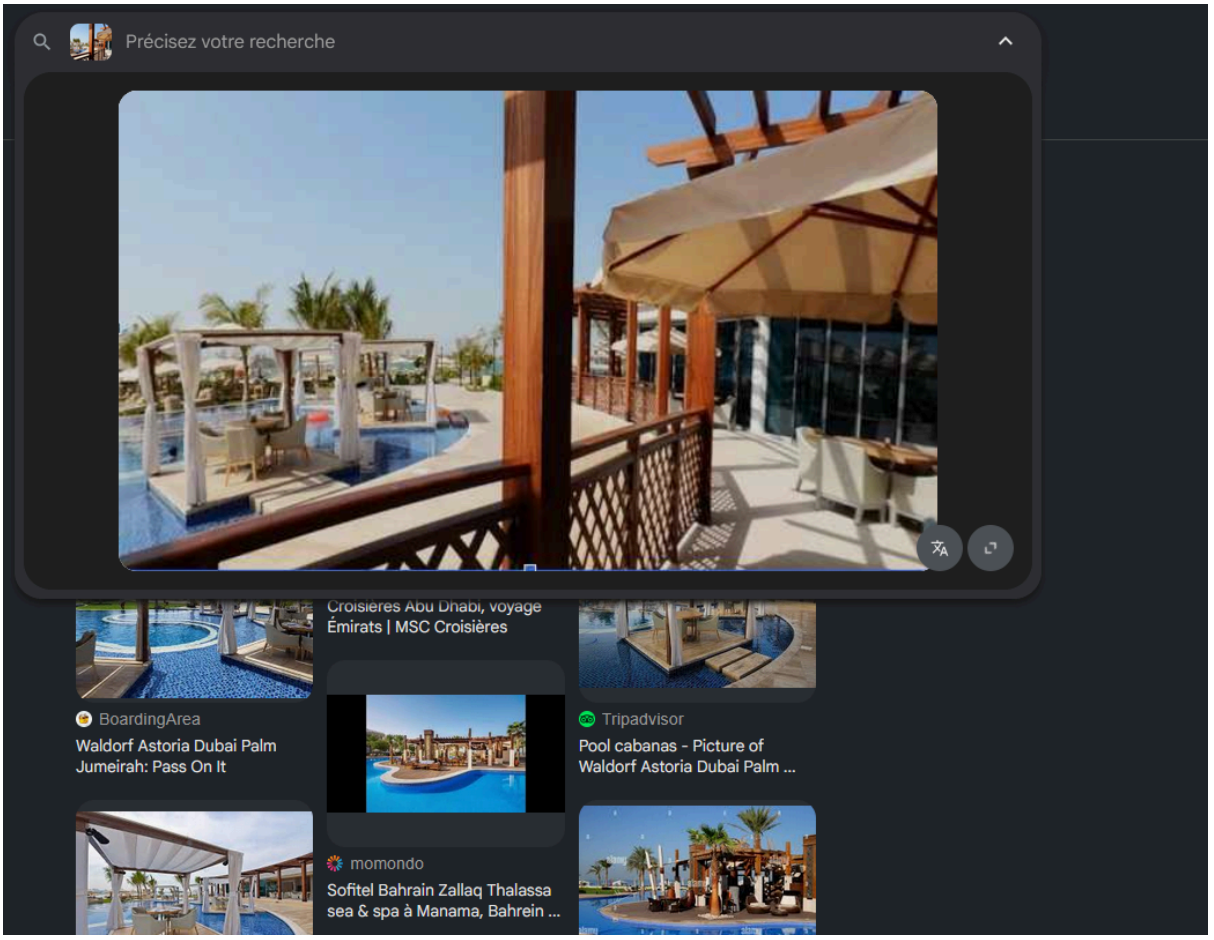
In what Hotel is Gavind staying during his trip ?
MIR4GE{Hotel-Name}
MIR4GE{F1}

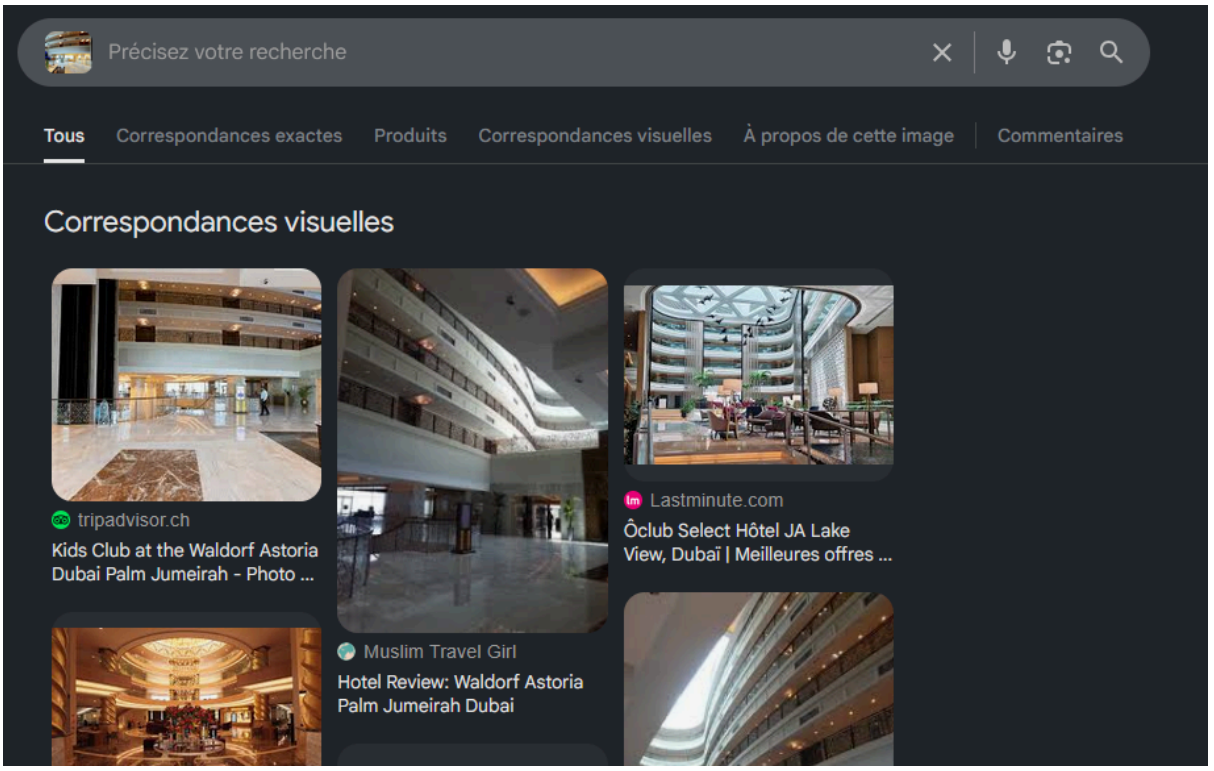
## Answer

MIR4GE{Waldorf-Astoria-Dubai-Palm-Jumeirah}

## Path

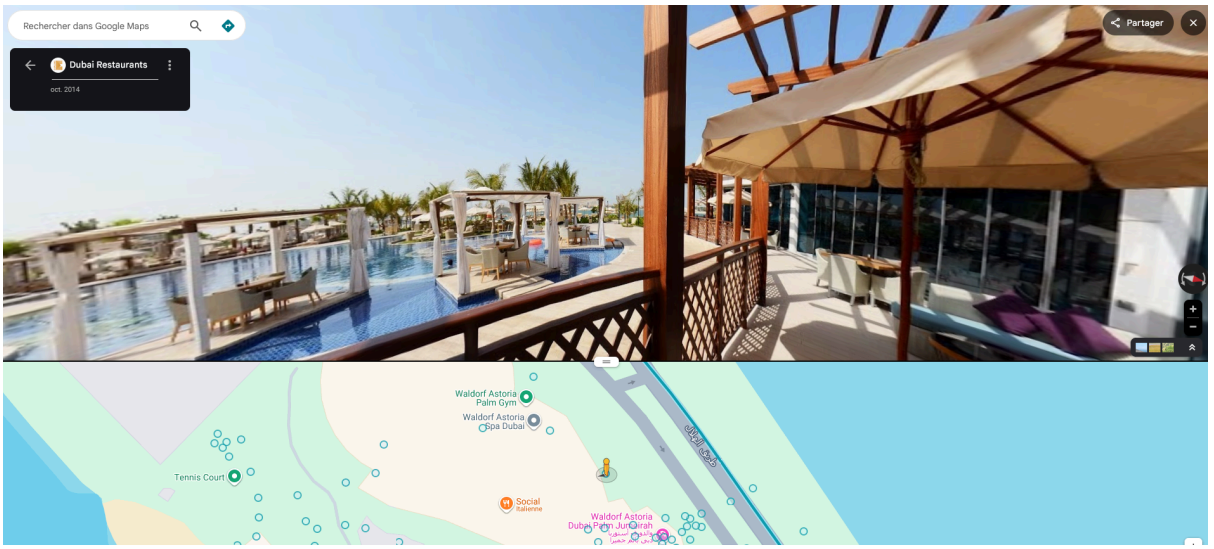
1. You can start directly at 2. or you checked his other post and realise he is in Dubai, it can be easier to search with this information in mind.
2. We have 3 pictures on this post, let’s RIS them :

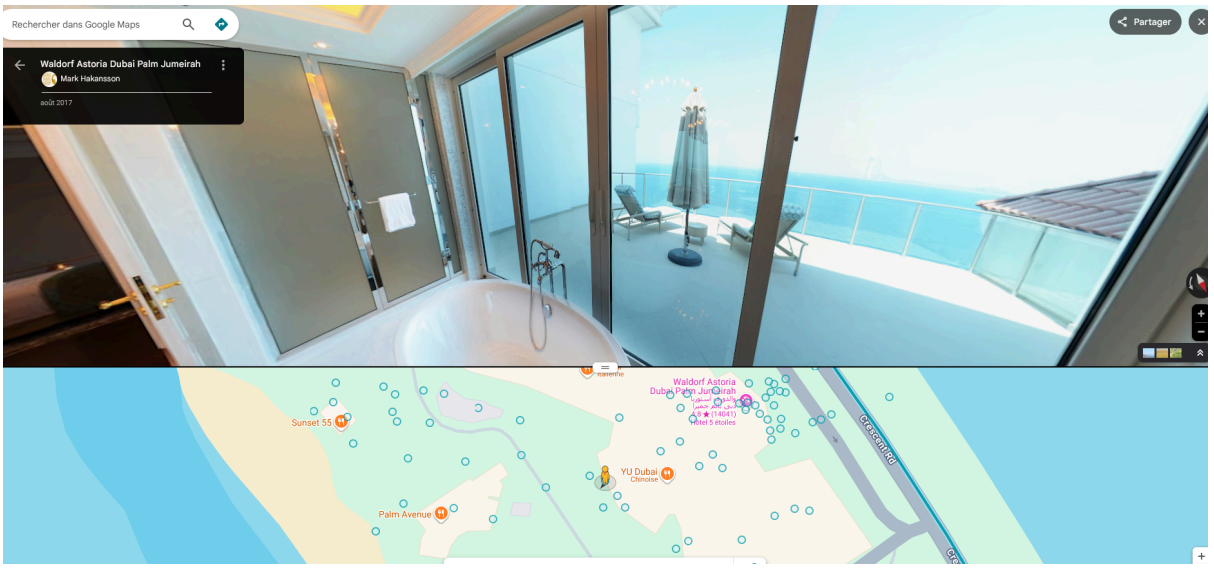



Waldorf Astoria hotel could be the place.
Lets verify

3. Checking for pictures on gmap give us the pictures from the post :




(last one was deleted during the making of the challenge)

# Challenge B7

## Question

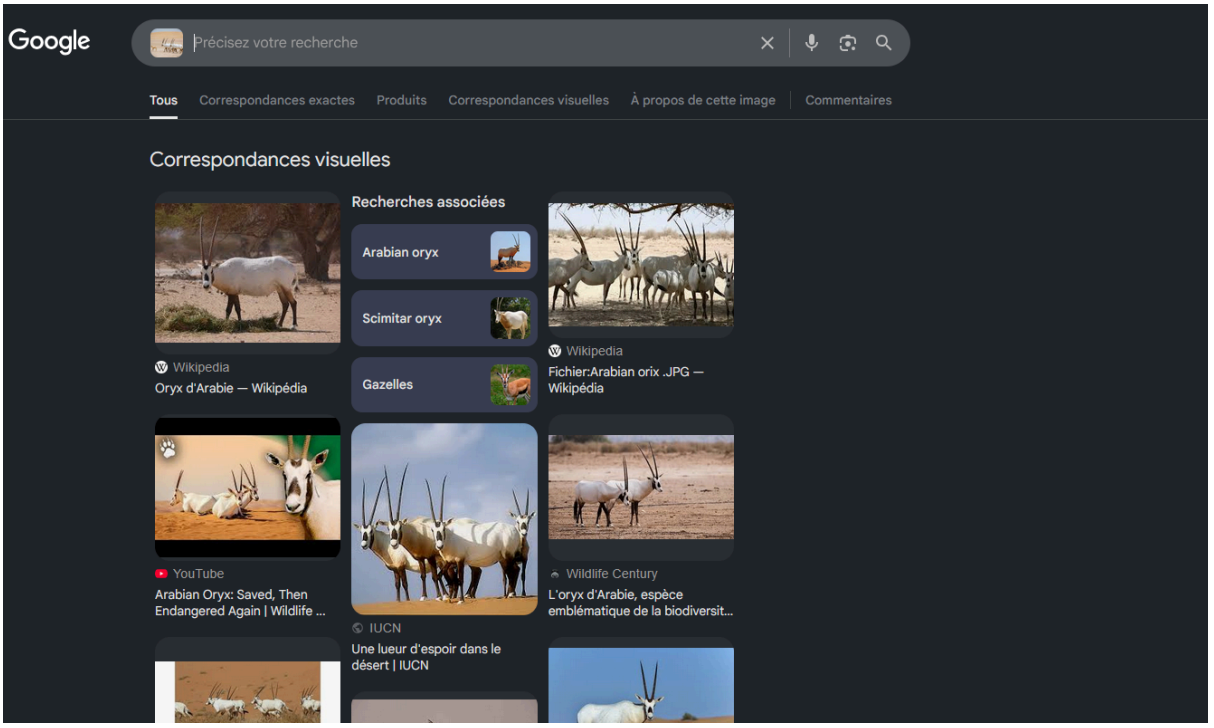
In what Hotel is Gavind staying during his trip ?
MIR4GE{Hotel-Name}
MIR4GE{F1}

## Answer

MIR4GE{Arabian-Oryx-Protected-Area}

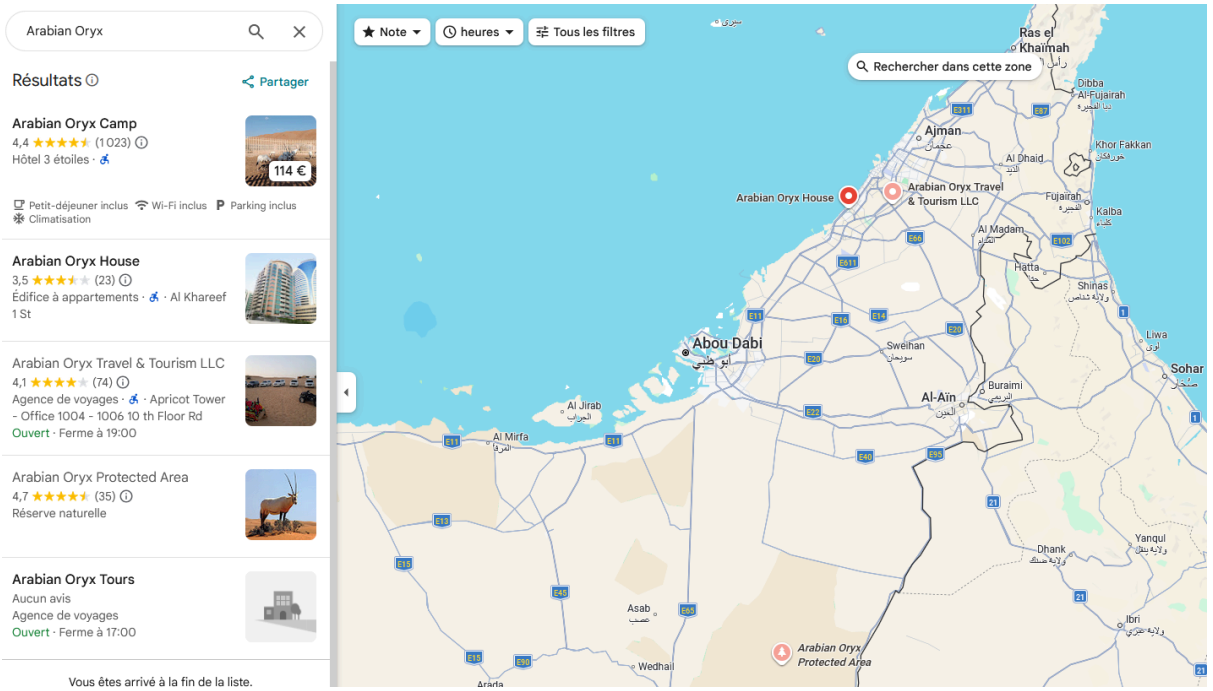
## Path

1. First we need to find what animal it is :

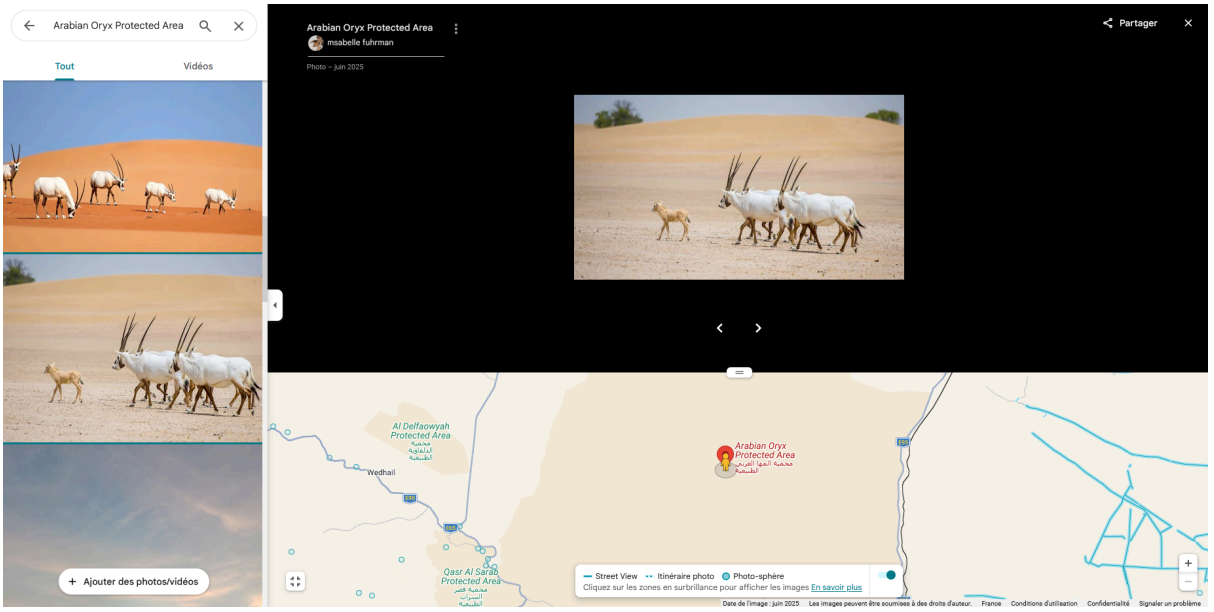



It’s an arabian oryx

2. Searching for Arabian Oryx will give you :




3. Checking the pictures there to find the original :



# Challenge B8

## Question

Gavind Rammurtha saw a well, where was it ?
MIR4GE{Place-Name}
MIR4GE{Königstein-Fortress}

## Answer

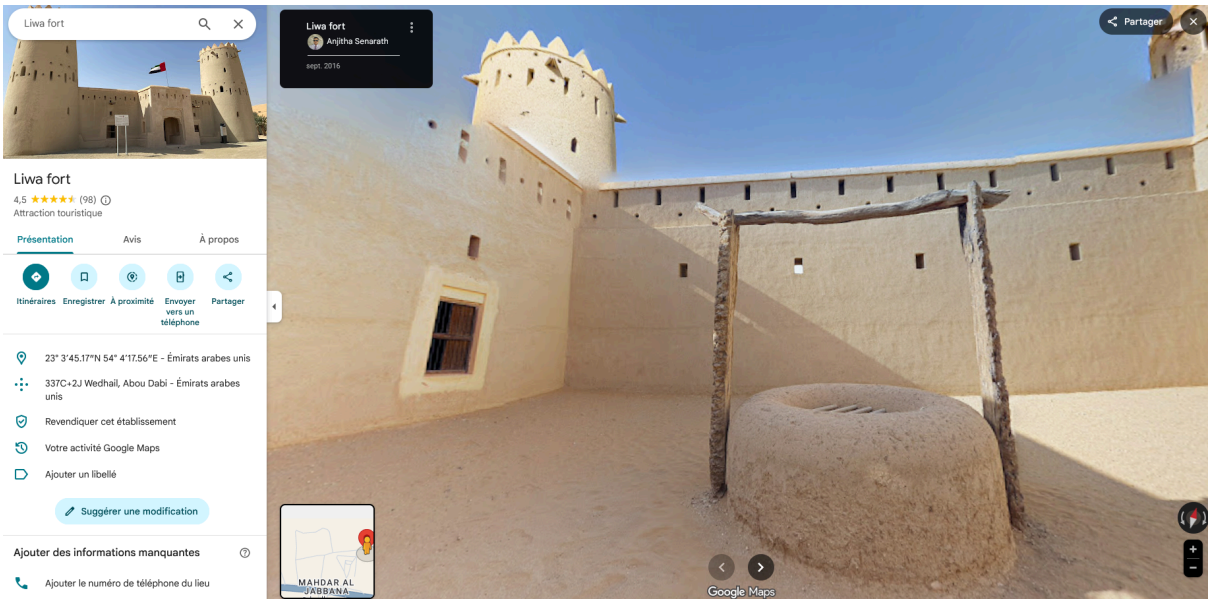
MIR4GE{Liwa-Fort}

## Path

1. Reverse Image Search on the fort picture :

It gives us a few fort to check. It narrows down the search.

2. While most look alike, the well from the post was in Liwa Fort :



# Challenge B9

## Question

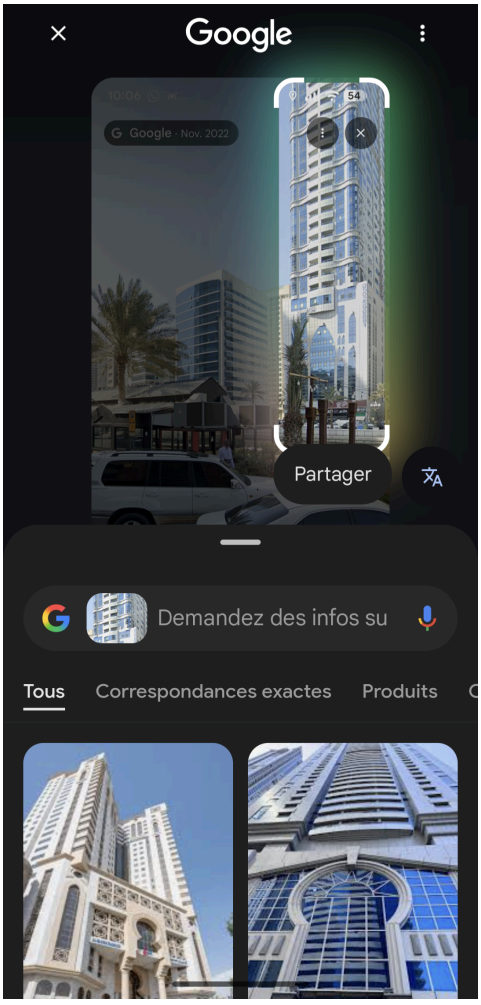
On the 16th, Gavind ate somewhere. What's the restaurant name ?
MIR4GE{Restaurant-Name}
MIR4GE{Naivedhyam-Restaurant}

## Answer

MIR4GE{Restaurant-Laffah}

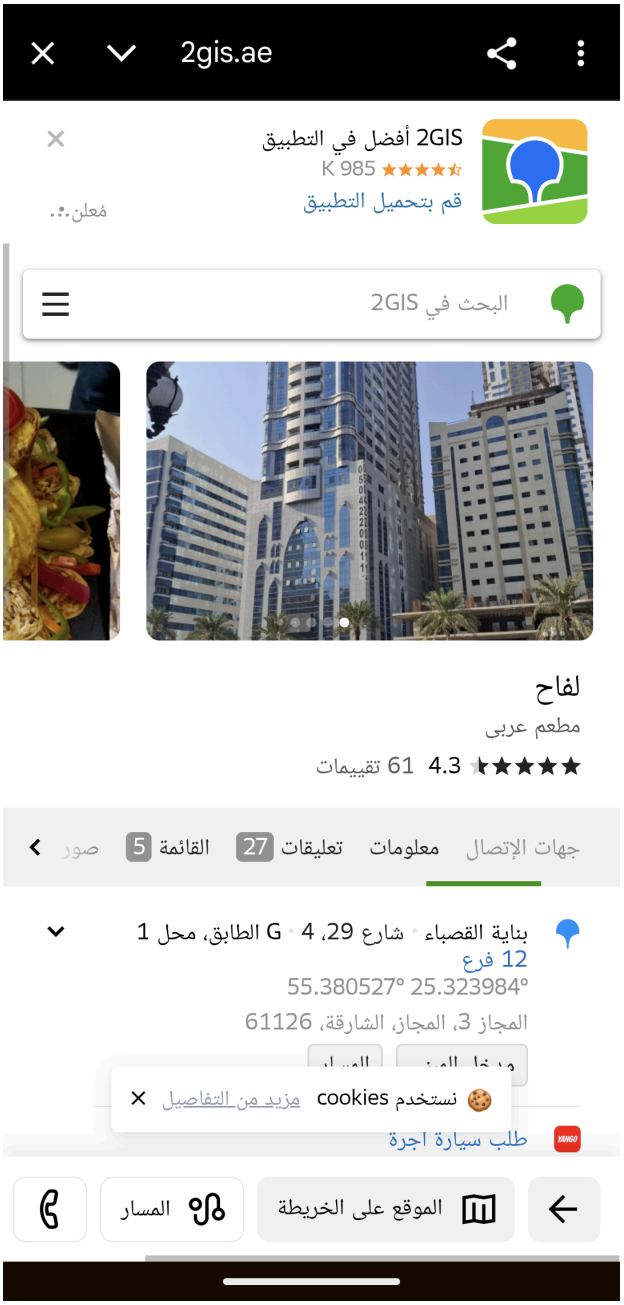
## Path

1. Ris on the picture




2. Find the 2GIS page about the place

3. check the map from 2GIS website


2gis.ae
2GIS أفضل في التطبيق
K 985
قم بتحميل التطبيق
مُعلن
البحث في 2GIS
لفاح
مطعم عربى
4.3 61 تقييمات
جهات الإتصال
معلومات
تعليقات 27
القائمة 5
صور
بناية القصباء · شارع 29، 4 · G الطابق، محل 1
12 فرع
55.380527° 25.323984°
المجاز 3، المجاز، الشارقة، 61126
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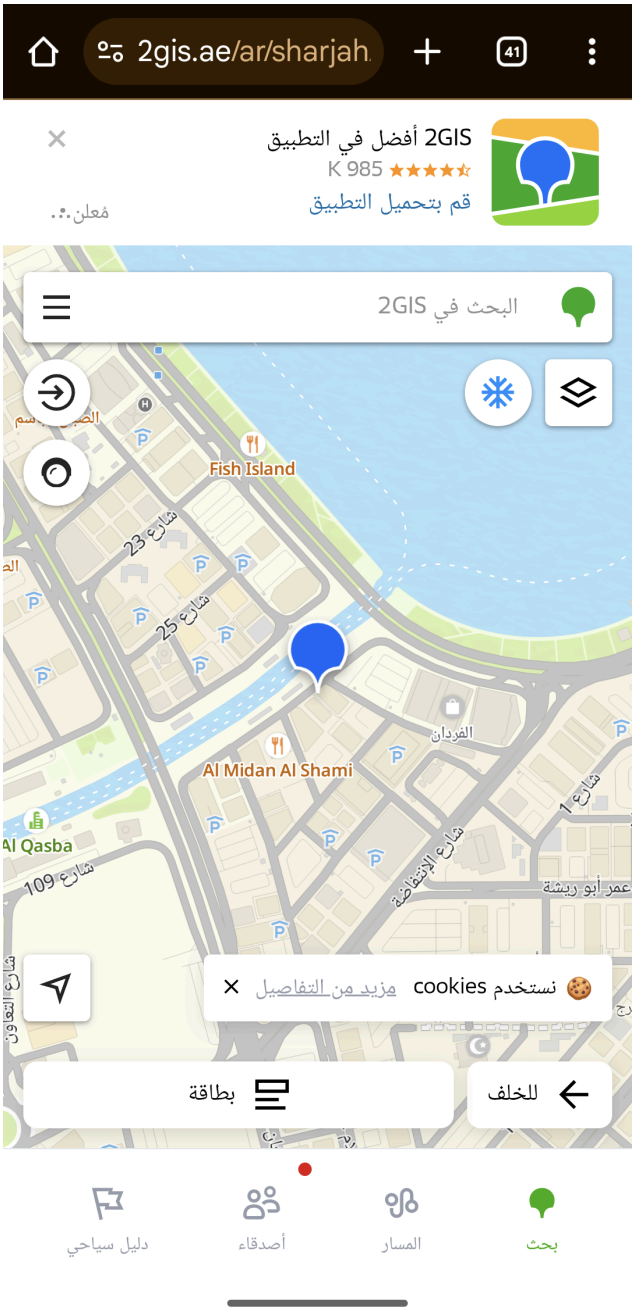
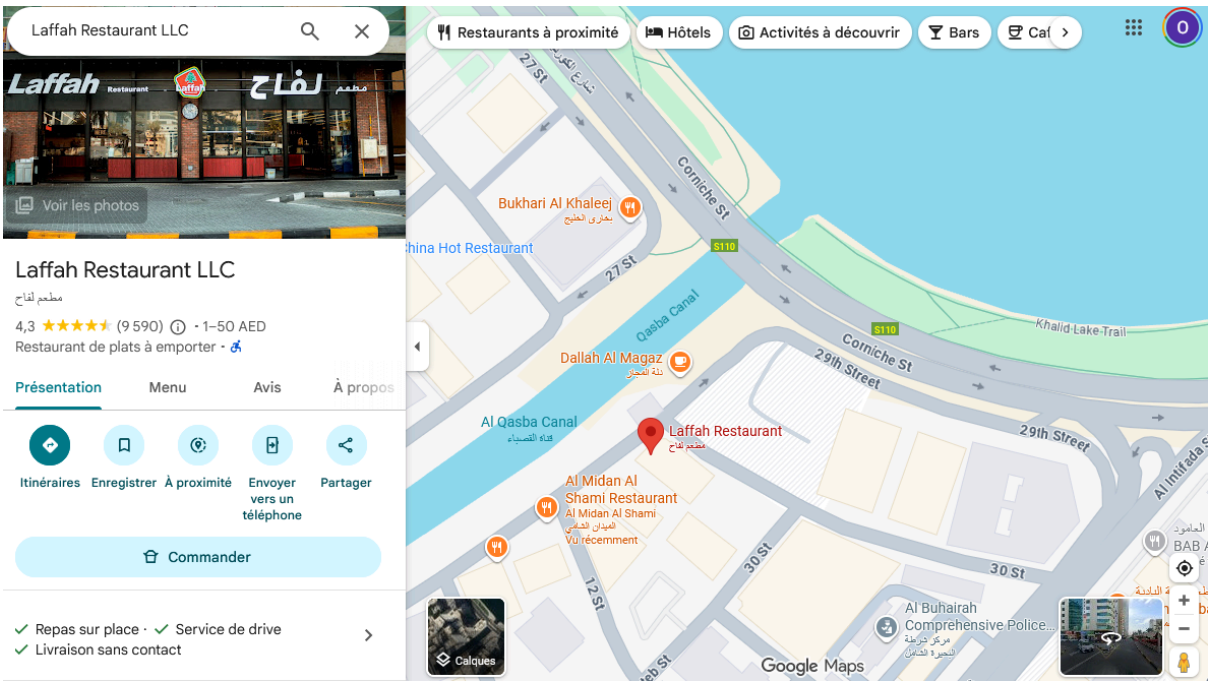
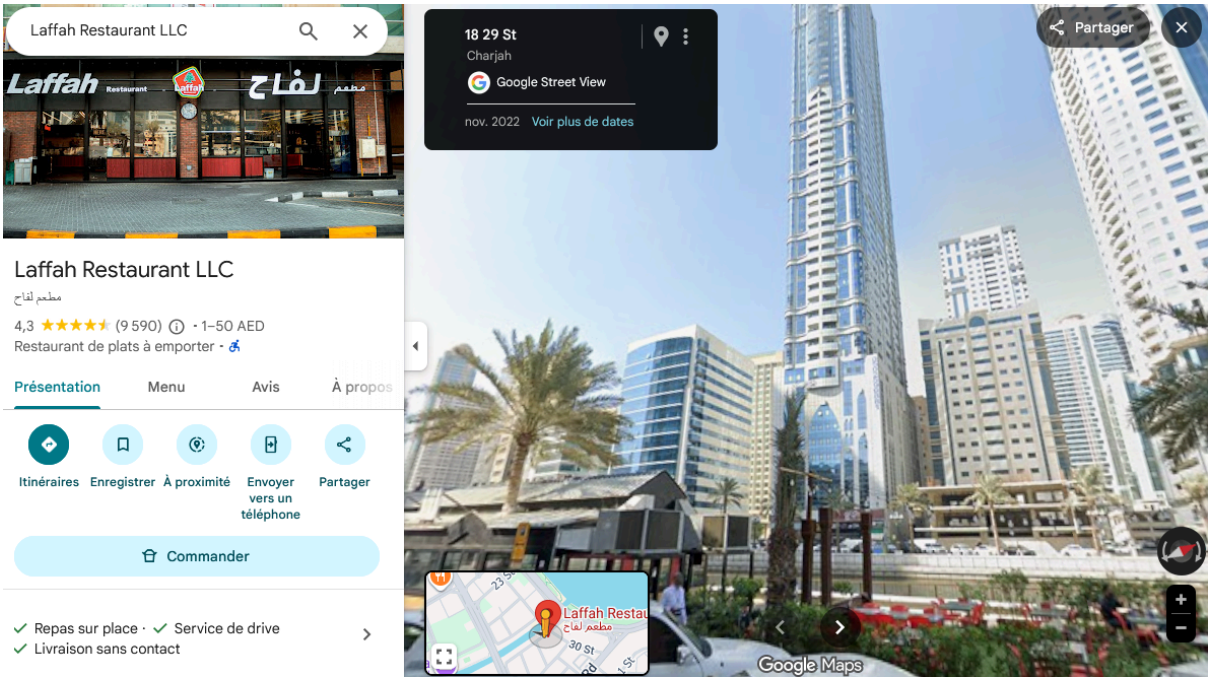
مزيد من التفاصيل
طلب سيارة اجرة
الموقع على الخريطة
المسار




4. Check on google view then
   (You can use the direct address or point of interest near it, like the Al Taqwa Mosque)




https://www.google.com/maps/place/Laffah+Restaurant+LLC/@25.3240429,55.3804986,3a,75y,295.45h,112.64t/data=!3m7!1e1!3m5!1swaBHwdnLVqfkERyvyJj6yg!2e0!6shttps:%2F%2Fstreetviewpixels-pa.googleapis.com%2Fv1%2Fthumbnail%3Fcb_client%3Dmaps_sv.tactile%26w%3D900%26h%3D600%26pitch%3D-22.638813669867872%26panoid%3DwaBHwdnLVqfkERyvyJj6yg%26yaw%3D295.4545906439351!7i16384!8i8192!4m6!3m5!1s0x3e5f5b94b334d68f:0x4ed1a33518be2de9!8m2!3d25.3239574!4d55.3806364!16s%2Fg%2F1tf9wx6r?entry=ttu&g_ep=EgoyMDI2MDEyMS4wIKXMDSoKLDEwMDc5MjA3M0gBUAM%3D

# Challenge B10

## Question

Where did Gavind walked before going to the “show” ?
MIR4GE{Place-name}
MIR4GE{Pebble-River}

## Answer

MIR4GE{Love-Lake}

## Path

1. On the picture you can see some water and ground behind it, letting us know that it’s either a river, a lake or a pound.

   While searching for River or Pound give us nothing, searching for lake gives us more reasonable solutions :

   It seems there is a place with alot of lakes :

2. Let’s check them

# Challenge B11

## Question

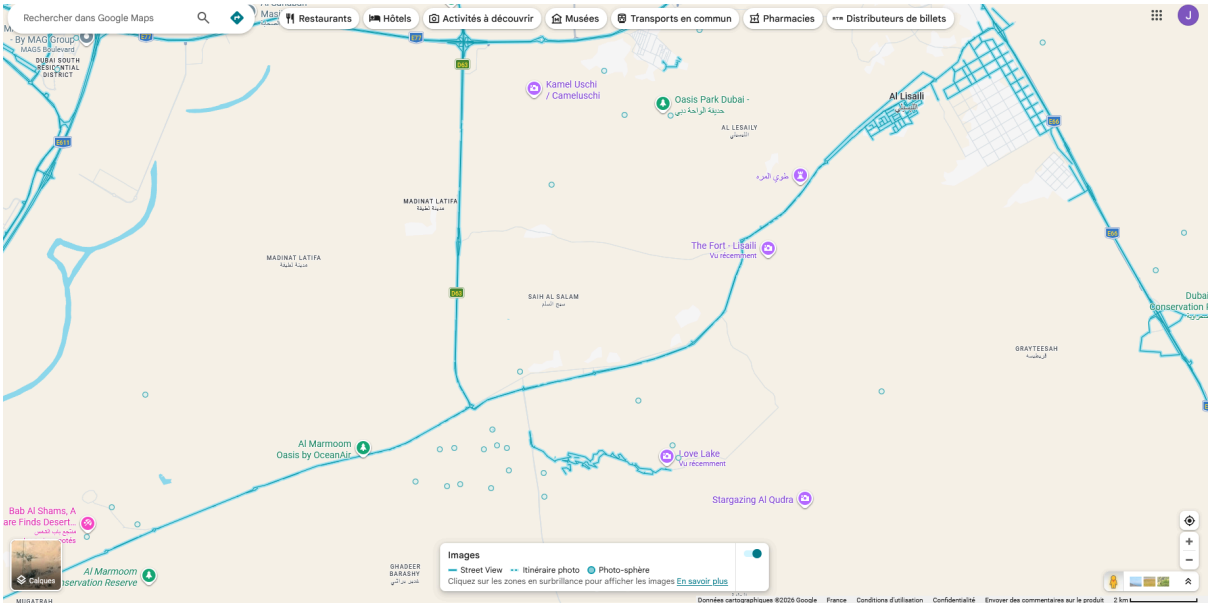
Where did Gavind saw the show ?
MIR4GE{Place-name}
MIR4GE{Ertij-Fort}

## Answer

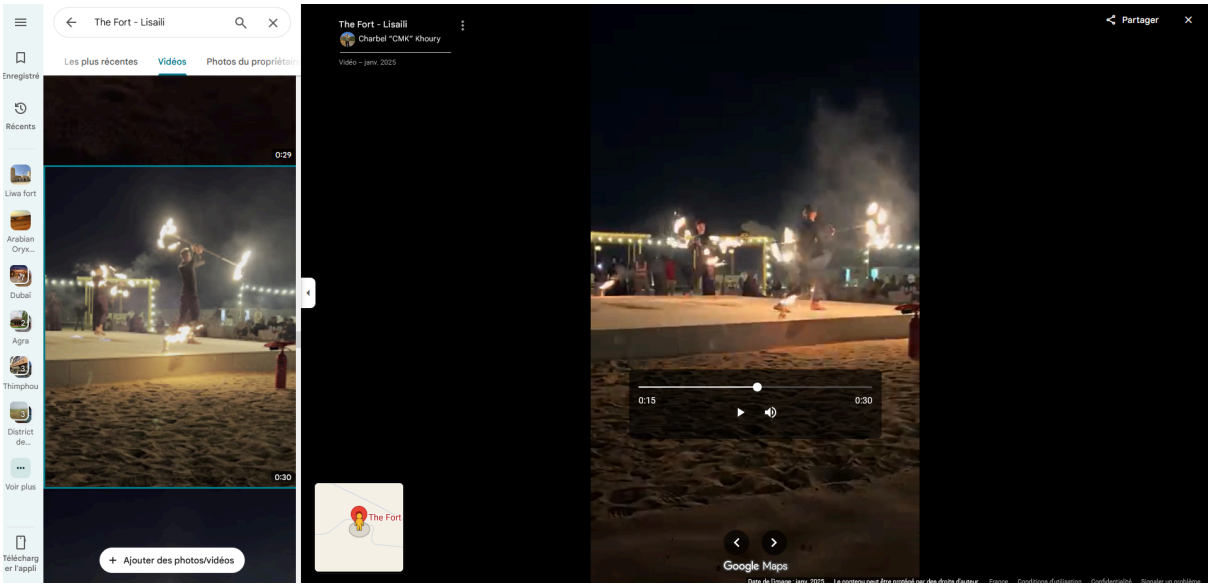
MIR4GE{Lisaili-Fort}

## Path

1. Gavind’s did the walk at love lakes before going to the show, so the show must be around the love lake.




2. Checking places around, you see that “The Fort Lisaili” has the original video.



# Challenge B12

## Question

What place was visited by Gavind before leaving ?
MIR4GE{Place-name}
MIR4GE{Cave-Of-Miracle}

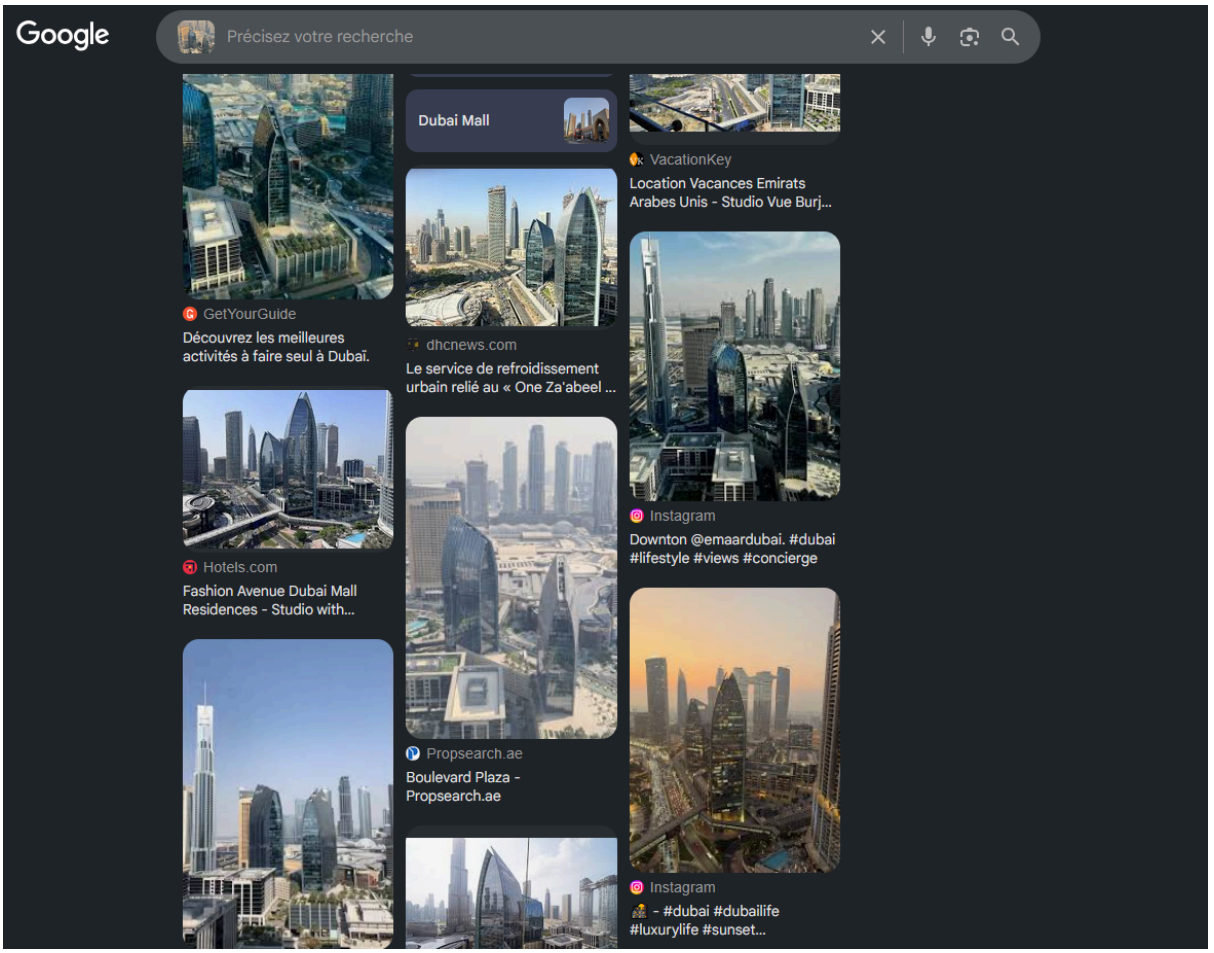
## Answer

MIR4GE{Sky-View}

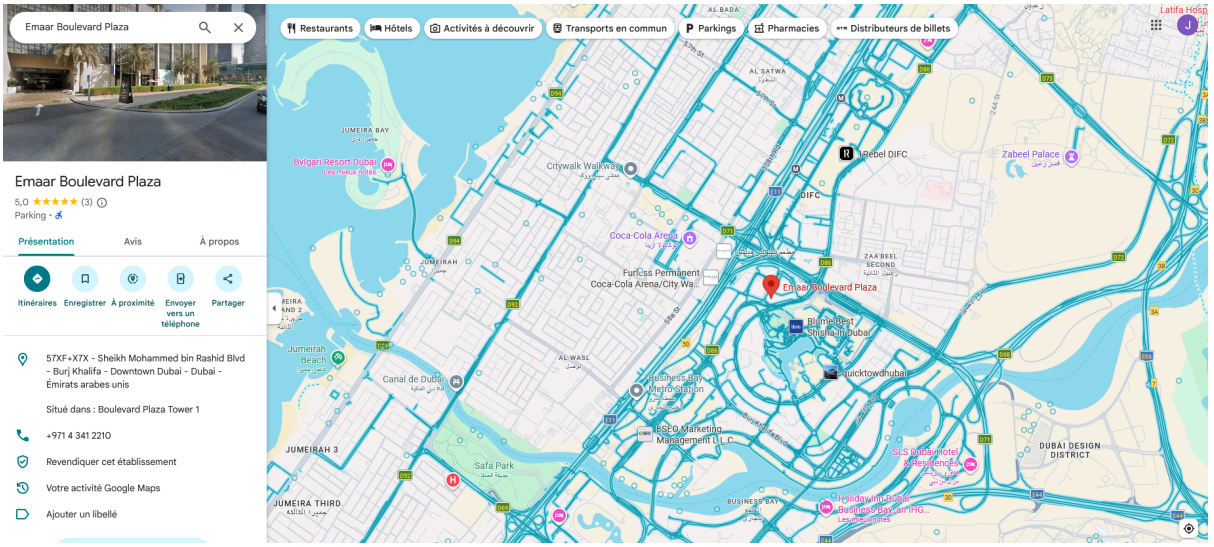
## Path

1. Zooming on the main building in the center gives us “emaar”.

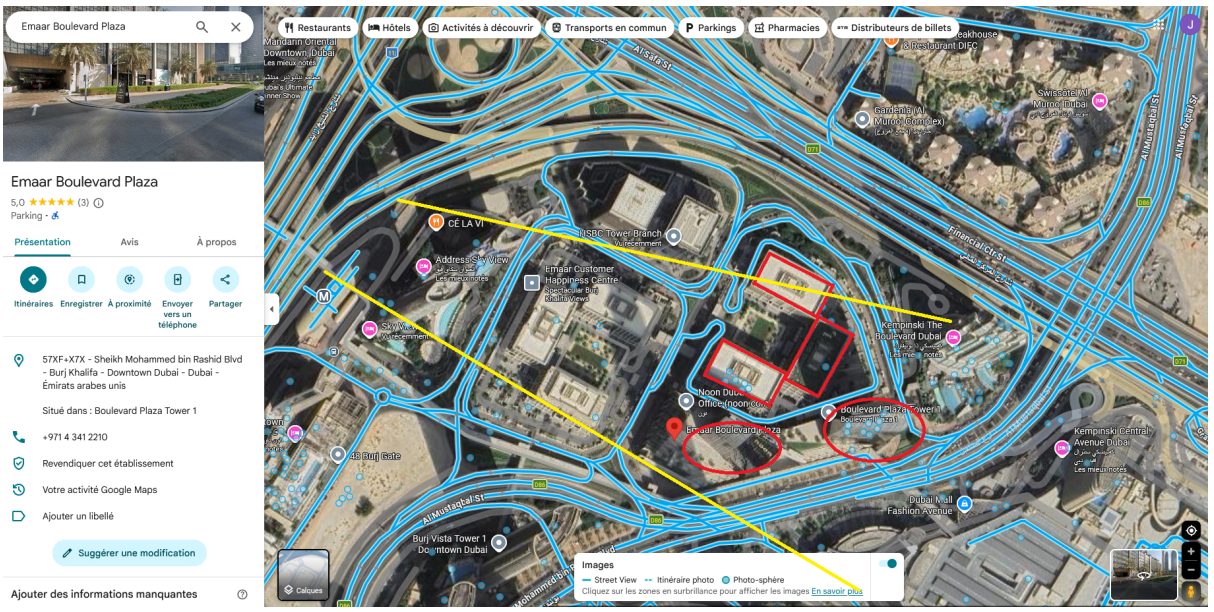
2. Reverse Image Search on the picture to find that it’s the Boulevard Plaza



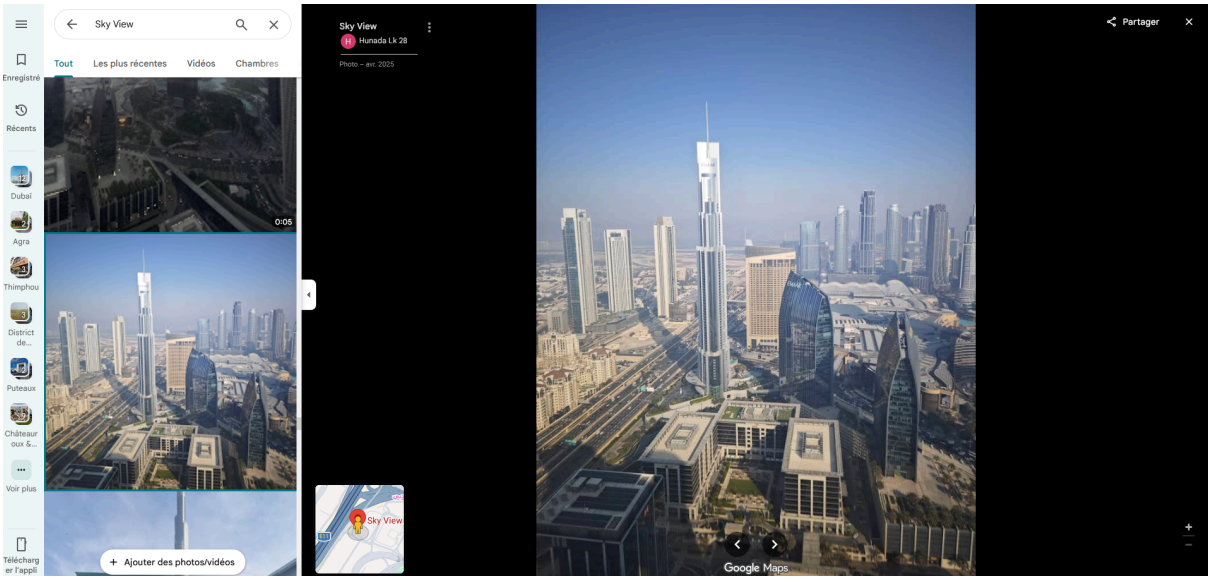

3. Search for the Emaar on Boulevard Plazar :




4. Changing to satellite view, we can make the buildings match with the original post :




5. Let’s verify : check the place that is higher than the tower circle in red between the yellow lines : Sky View



# Challenge B13

## Question

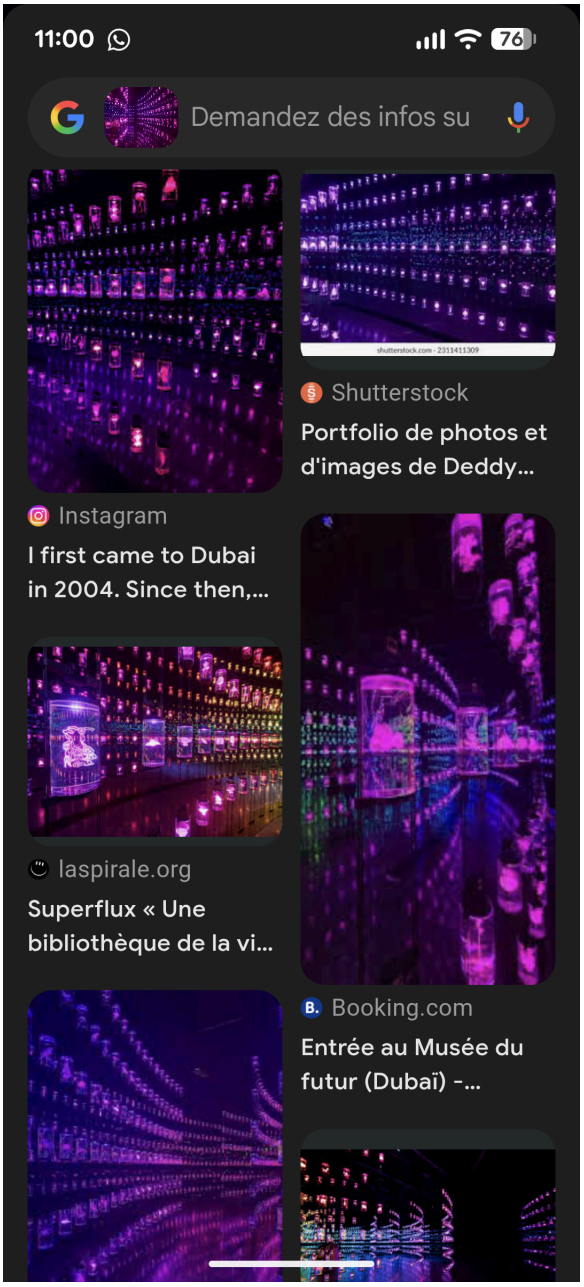
What place invited Gavind ?
MIR4GE{Place-name}
MIR4GE{Coffee-Museum}

## Answer

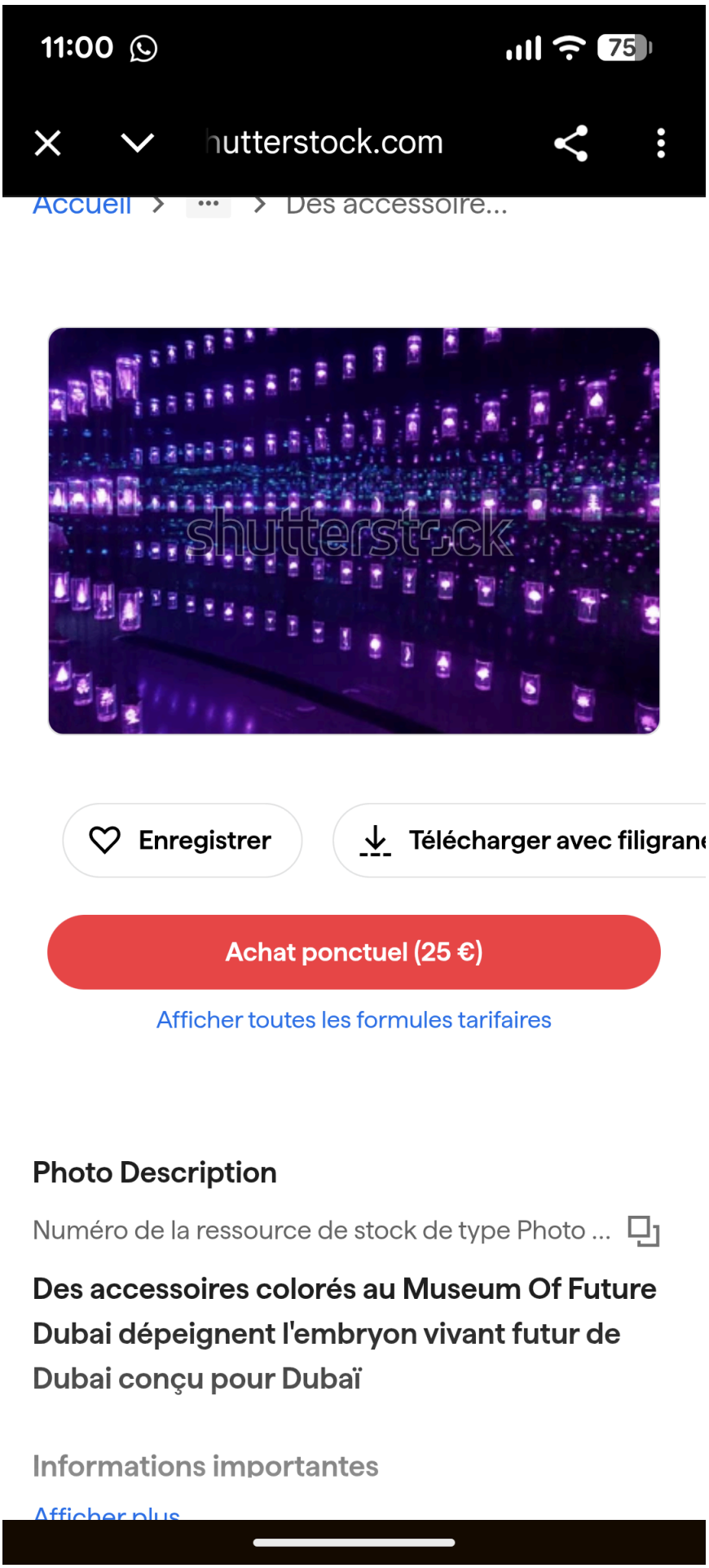
MIR4GE{Future-Museum}

## Path

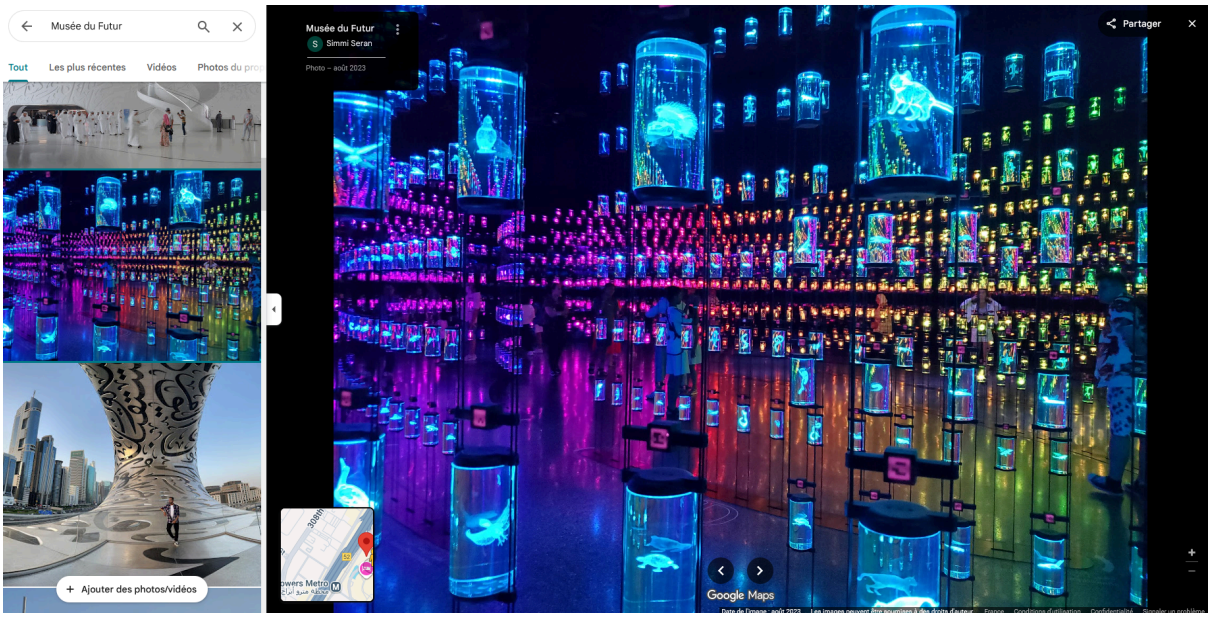
1. Reverse image search on the post



2. Check the shutterstock to have more informations about the picture :


11:00
75
hutterstock.com
Accueil
Des accessoire...
shutterstock
Enregistrer
Télécharger avec filigrane
Achat ponctuel (25 €)
Afficher toutes les formules tarifaires
Photo Description
Numéro de la ressource de stock de type Photo ...
Des accessoires colorés au Museum Of Future Dubai dépeignent l'embryon vivant futur de Dubai conçu pour Dubaï
Informations importantes
Afficher plus

3. Check Museum of Future in Dubai



# Challenge B14

## Question

What is the attacker favorite place ?
MIR4GE{Place-name}
MIR4GE{Faisal-Mosque}

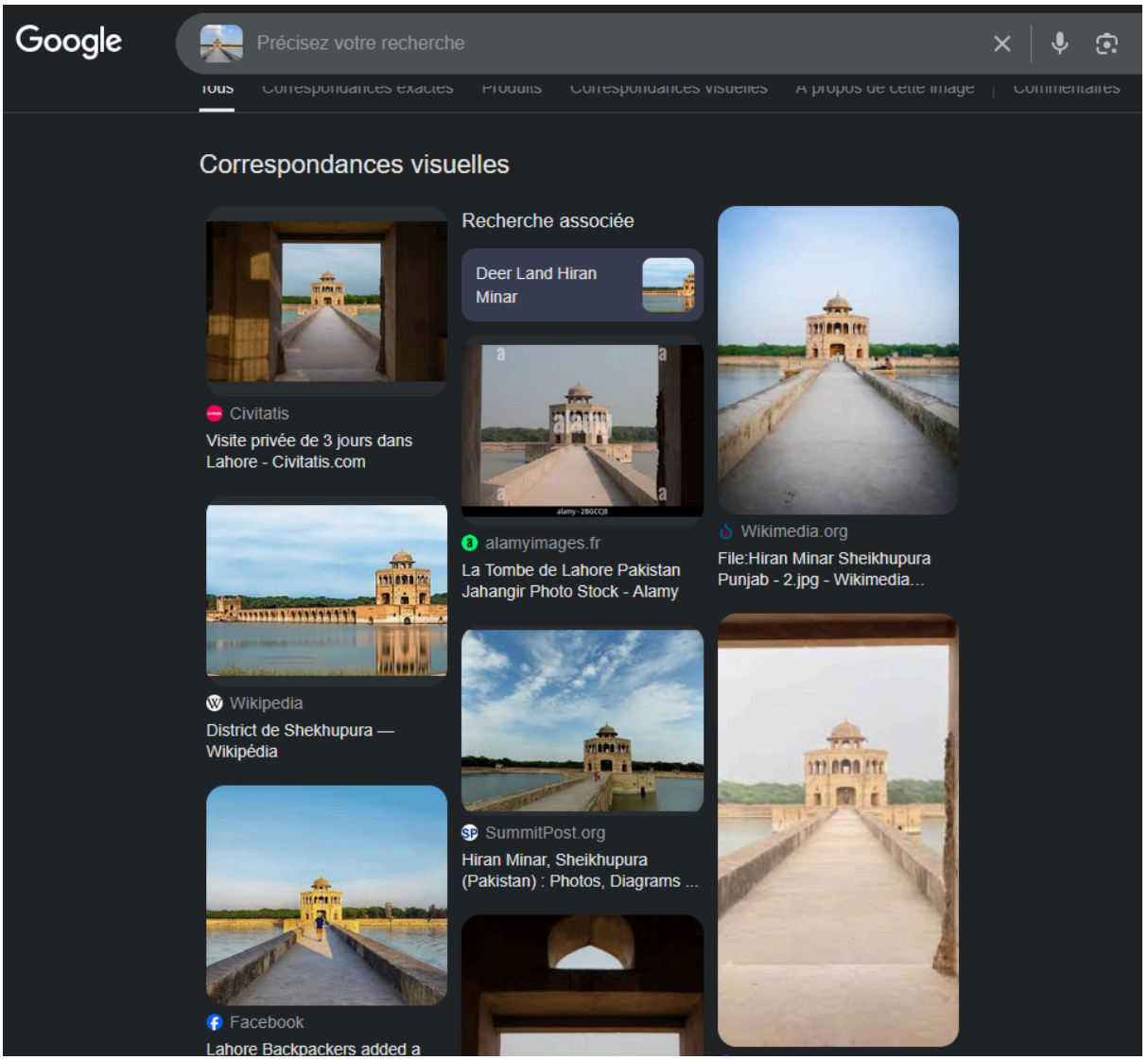
## Answer

MIR4GE{Hiran-Minar}

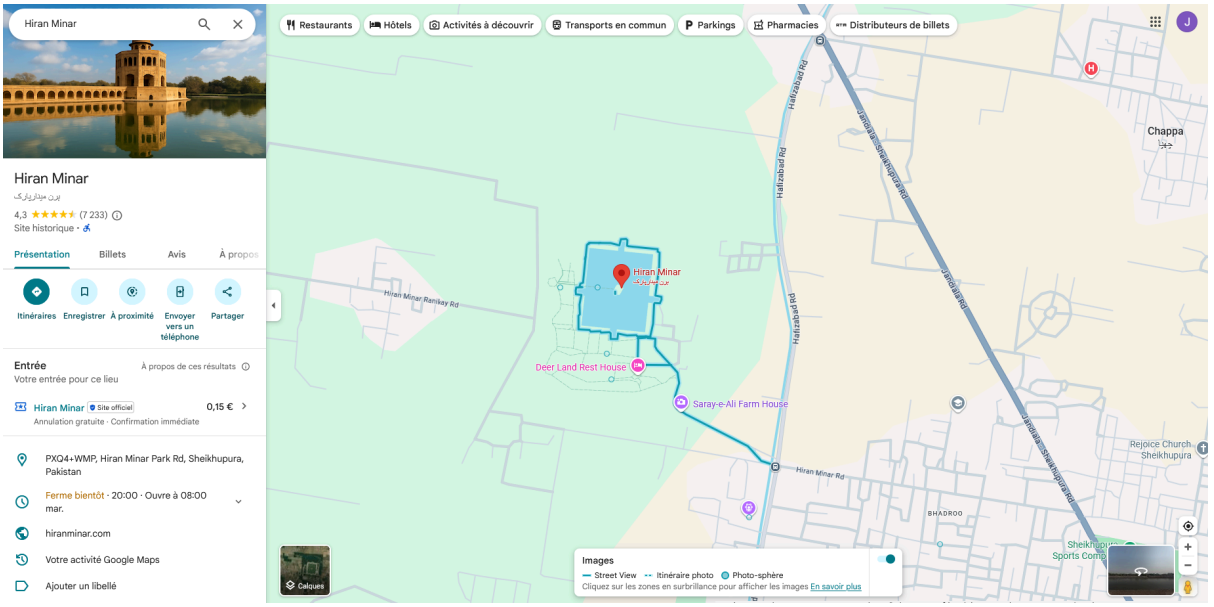
## Path

1. From the post where he talks about his favorite place, RIS the picture :

We get :




2. Searching on Gmap :



# Challenge B15

## Question

Where is Gavind living ?
MIR4GE{District_Town}
MIR4GE{Canada-Corner_Nasik}

## Answer

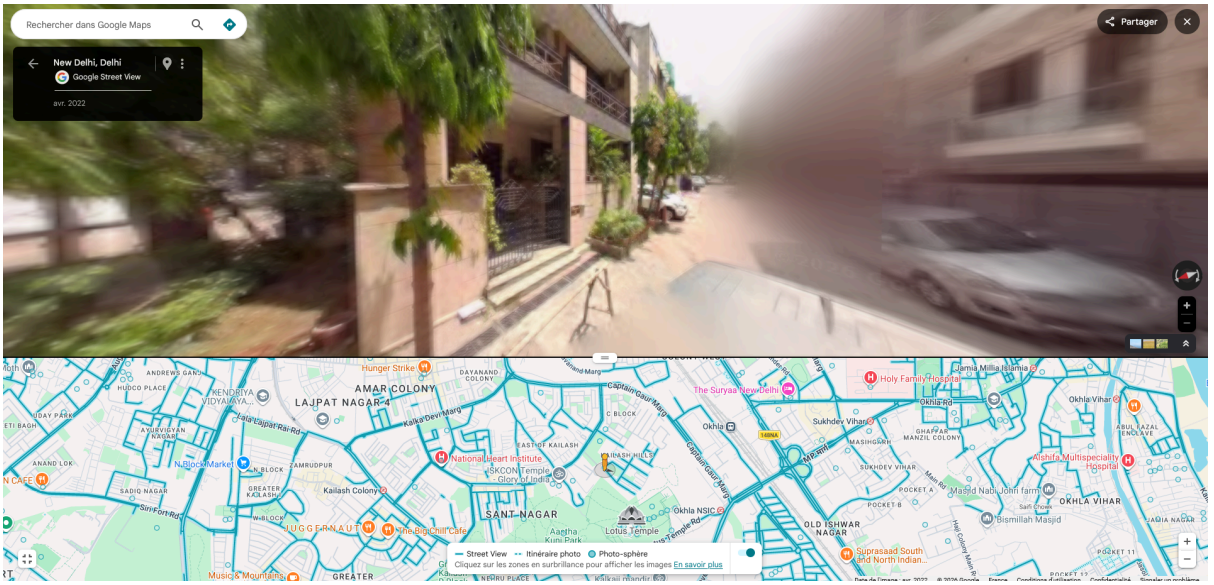
MIR4GE{Kailash-Hills_New-Delhi}

## Path

1. Note that Gavind says : “Live near this amazing temple in the capital”
2. The 1nd picture in the post was a hint :

The temple has a park in which there is a long road splitting it.

3. Searching around New Delhi’s temple, you will see the Lotus Temple match pretty well.
4. Search around the Lotus Temple to find :




On the Kailash Hills

# Challenge B16

## Question

Retrace every places visited by the attacker on the 21th January.
MIR4GE{Place1-coord_Place2-Coord_Place3-coord}
MIR4GE{85.112-35.287_86.178-39.457_96.176-33.417}

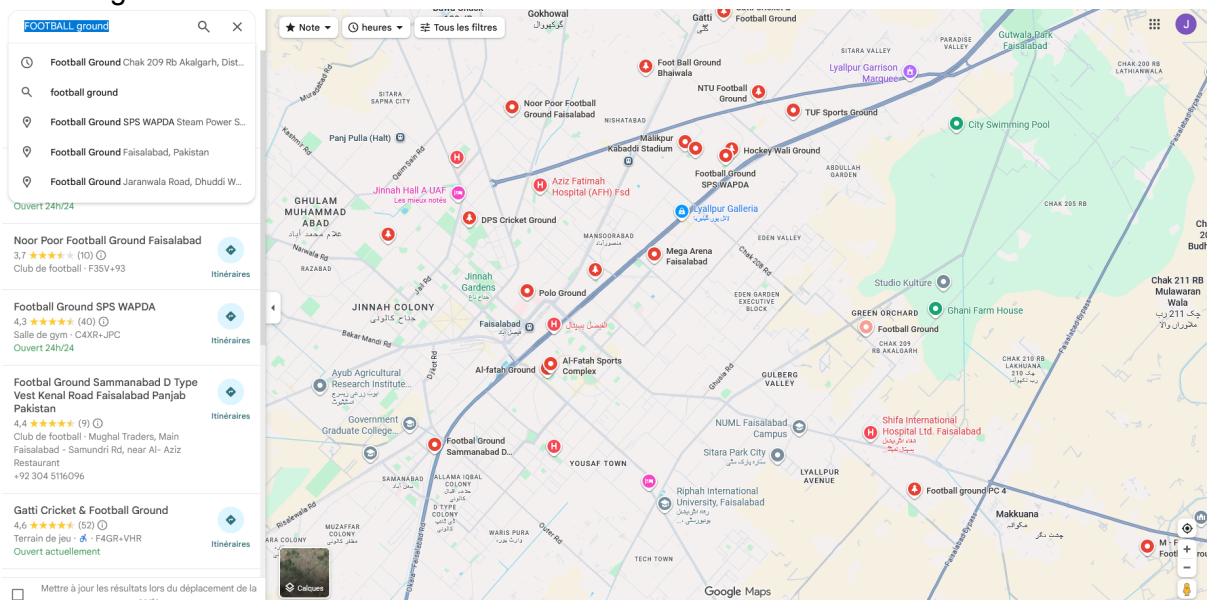
## Answer

MIR4GE{31.416,73.174_31.411,73.165_31.418,73.171}

## Path

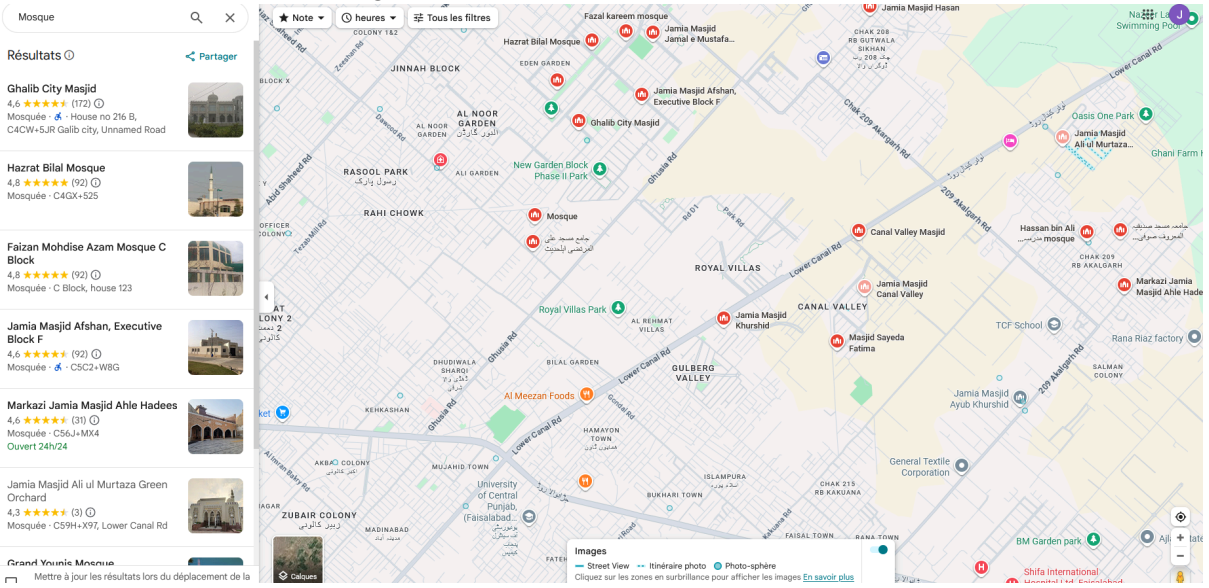
1. From Askin Instagram account, he went to see friends in Faisabalad with whom he went to the mosque, then to the swimming pool, then to the football court.

2. While there is alot of Mosque and Swimming pool, there is only a few Footbal court / Football ground :

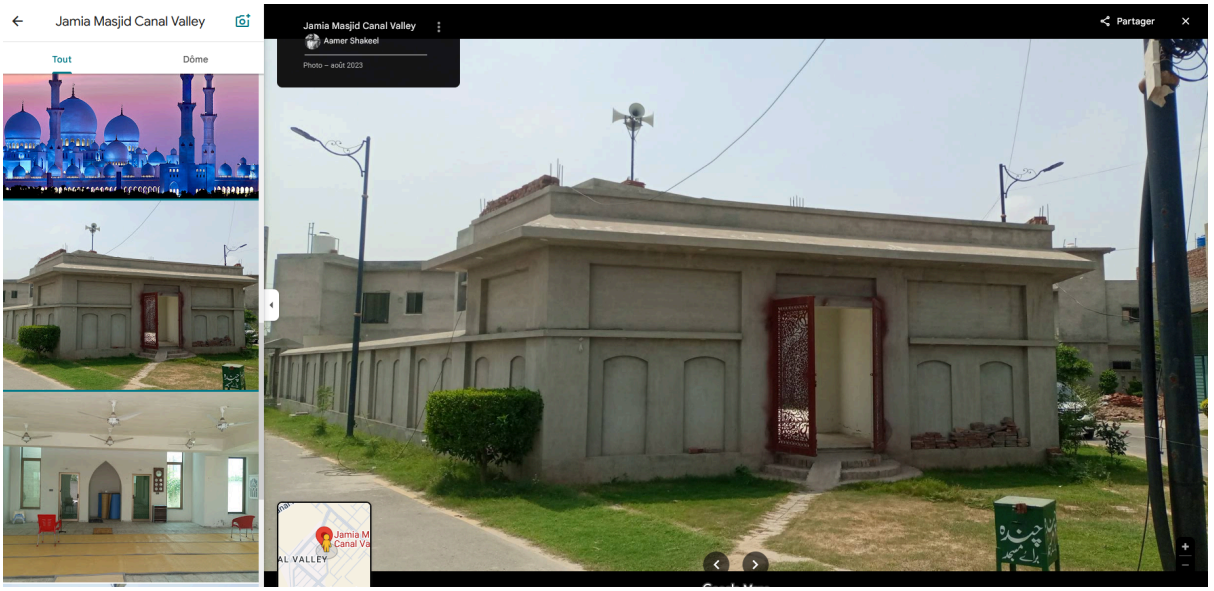


Football court :
31.41607848957952, 73.1747449531329 → 31.416,73.174

3. Now that we have a searching area, lookf or the mosque

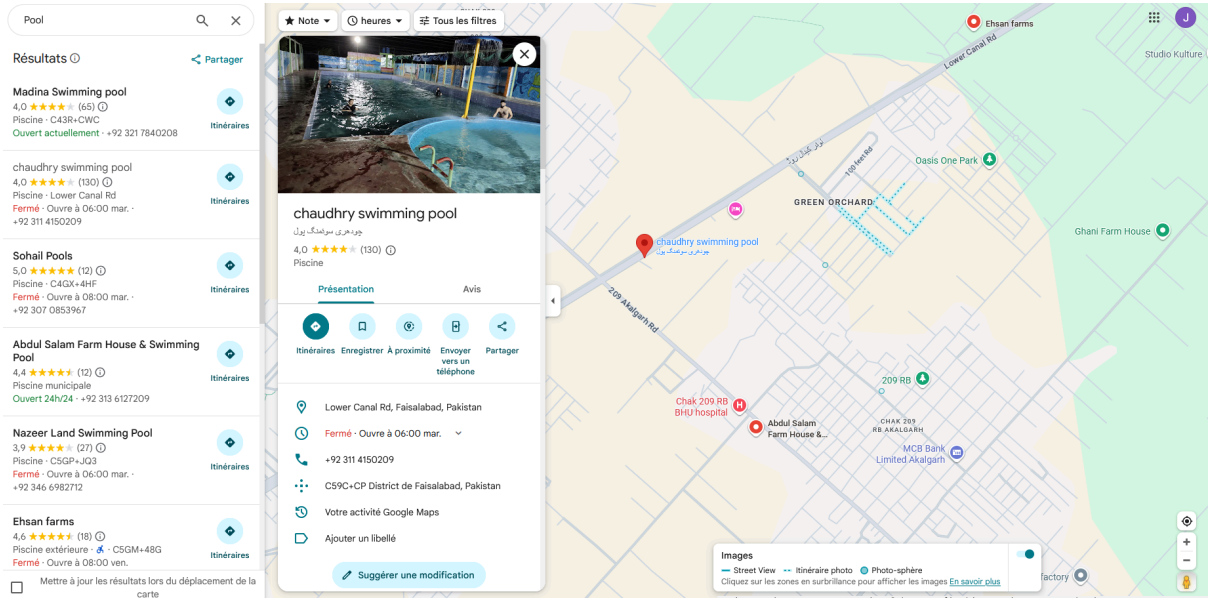



There is way less, we can check them manually, until we find the one :




“Jamia Masjid Canal Valley” - Mosque :
31.411632,73.1653121,21 → 31.411,73.165

4. Now let’s find the pool :




“Chaudhry Swimming Pool” Swimming pool :
31.41852742304622, 73.17180241368438 → 31.418,73.171

# Challenge B17

## Question

In what hotel was the attacker hiding ?
MIR4GE{Hotel-name}
MIR4GE{Hilton-Hotel}

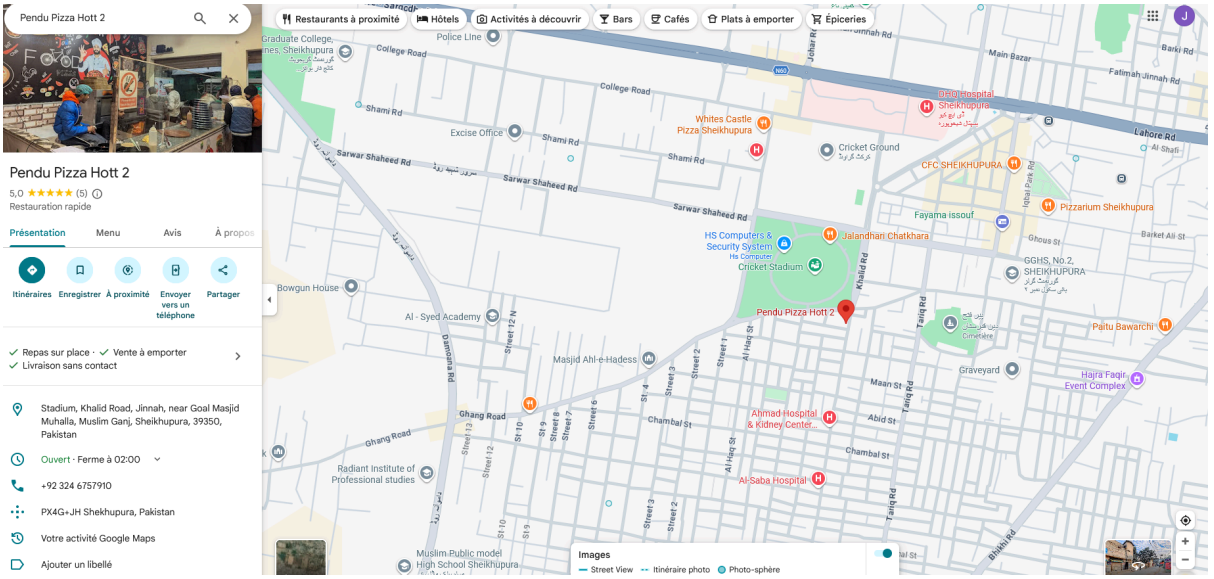
## Answer

MIR4GE{Best-Holliday-Inn}

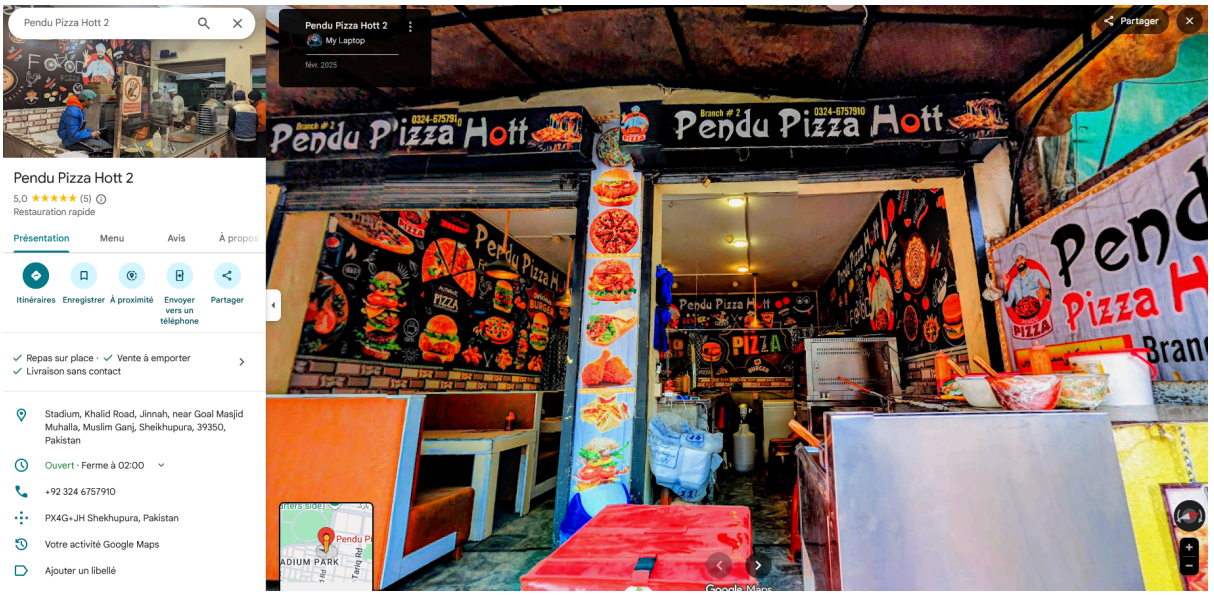
## Path

1. From the post after Askin fled, he post about eating a pizza before going to the hotel room.
   The pizza display :

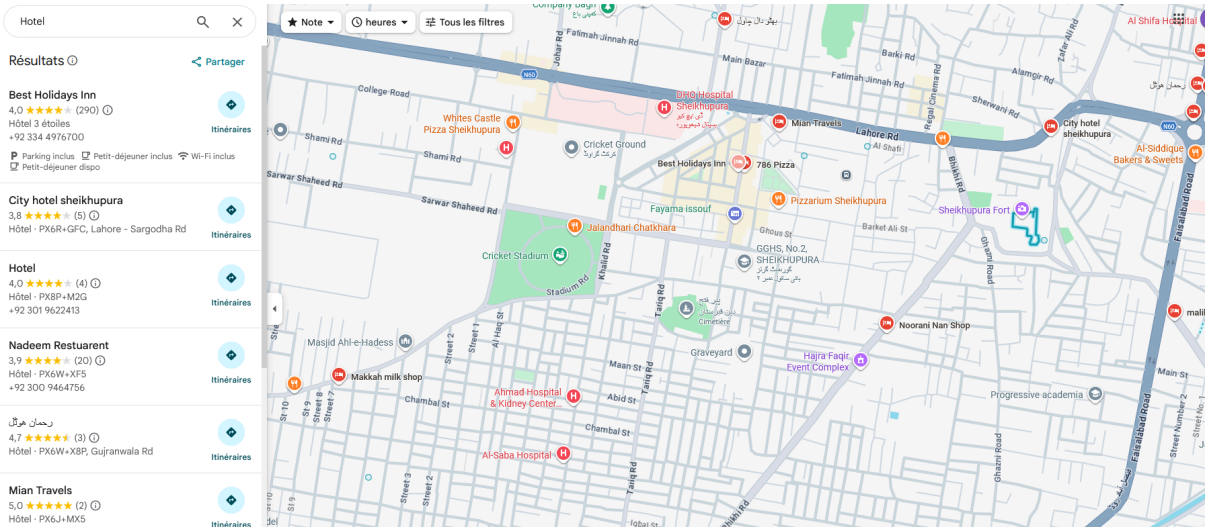
2. Search for the Pendu Pizza Hott :



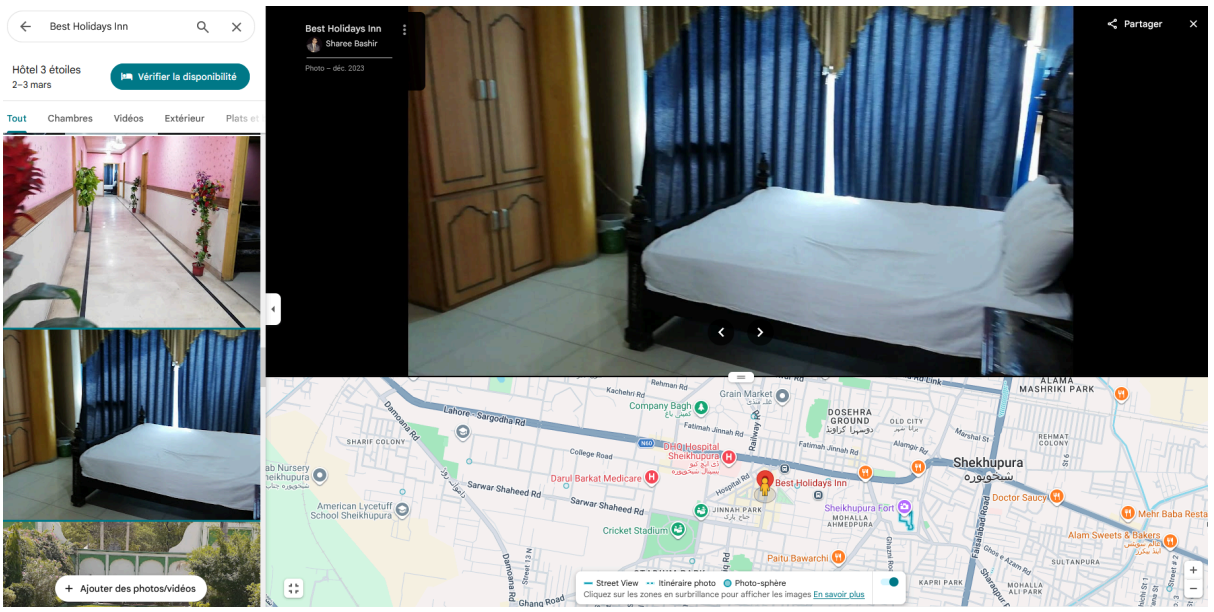
3. Street View




4. Now that we know he ate there, let's search for an hotel nearby :




5. The closest being "Holliday Inn", let's see if we can find the bed with blue sheets :


Best Holidays Inn
Hôtel 3 étoiles
2–3 mars
Vérifier la disponibilité
Tout
Chambres
Vidéos
Extérieur
Ajouter des photos/vidéos
Best Holidays Inn
Sharee Bashir
Photo – déc. 2023
Partager
Shekhupura
Best Holidays Inn
Sheikhupura Fort
Cricket Stadium
Darul Barkat Medicare
Company Bagh
Grain Market
Doctor Saucy
Mehr Baba Resta
Alam Sweets & Bakers
Paitu Bawarchi
American Lycetuff School Sheikhupura
Street View
Itinéraire photo
Photo-sphère
Cliquez sur les zones en surbrillance pour afficher les images En savoir plus

# Challenge B18

## Question

What’s the phone number was used by the criminal organization on the day of exfiltration ?

MIR4GE{+92-PhoneNumber}

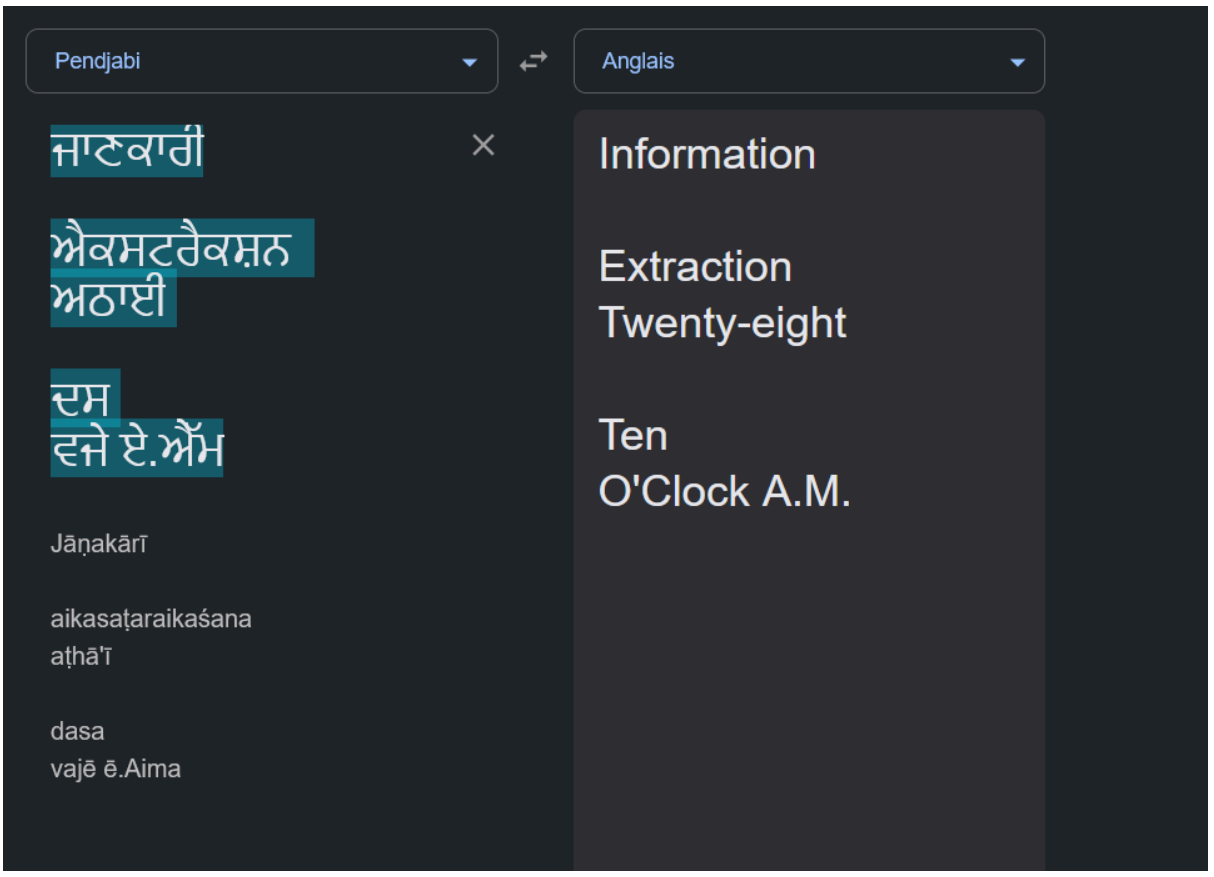
MIR4GE{3095797653}

## Answer

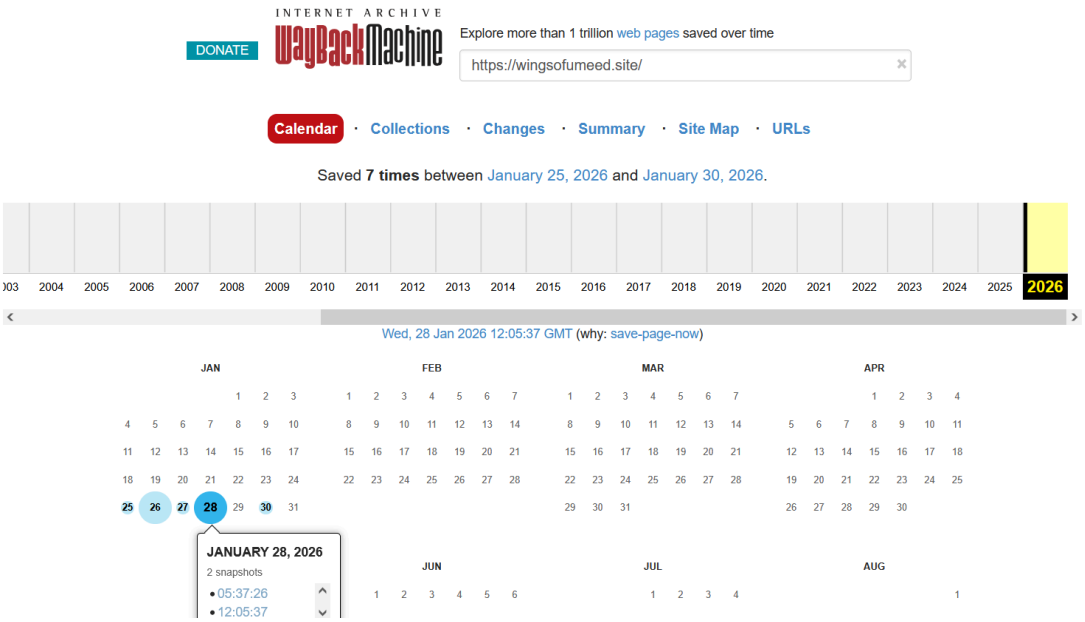
+92 346-2789649

## Path

1. Note that the phone number must be the one used ON THE DAY OF EXFILTRATION.
   If you check the archives of the site, you will see that the phone number change (almost) dayli.
2. On the robots.txt, the exfiltration is taking place at 10:00AM on the 28 :

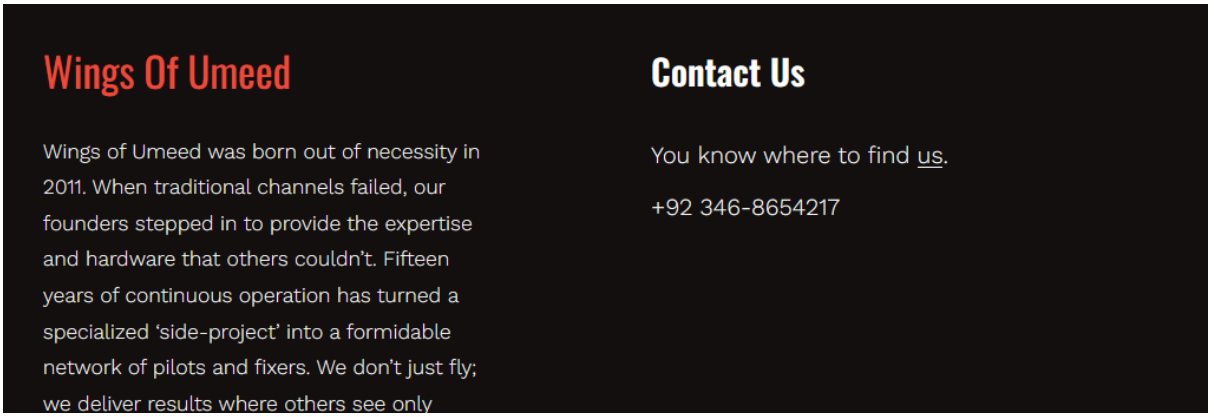


3. If you check the archive on the 28th Jan, you see that 2 saves are done :




In IST time, this is 9:37AM and 16:05PM. The exfiltration took place between those times.

4. Checking the archives :



# Challenge B19

## Question

What is the mobile provider of that organization ?
MIR4GE{ServiceProvider}
MIR4GE{Vodafone}

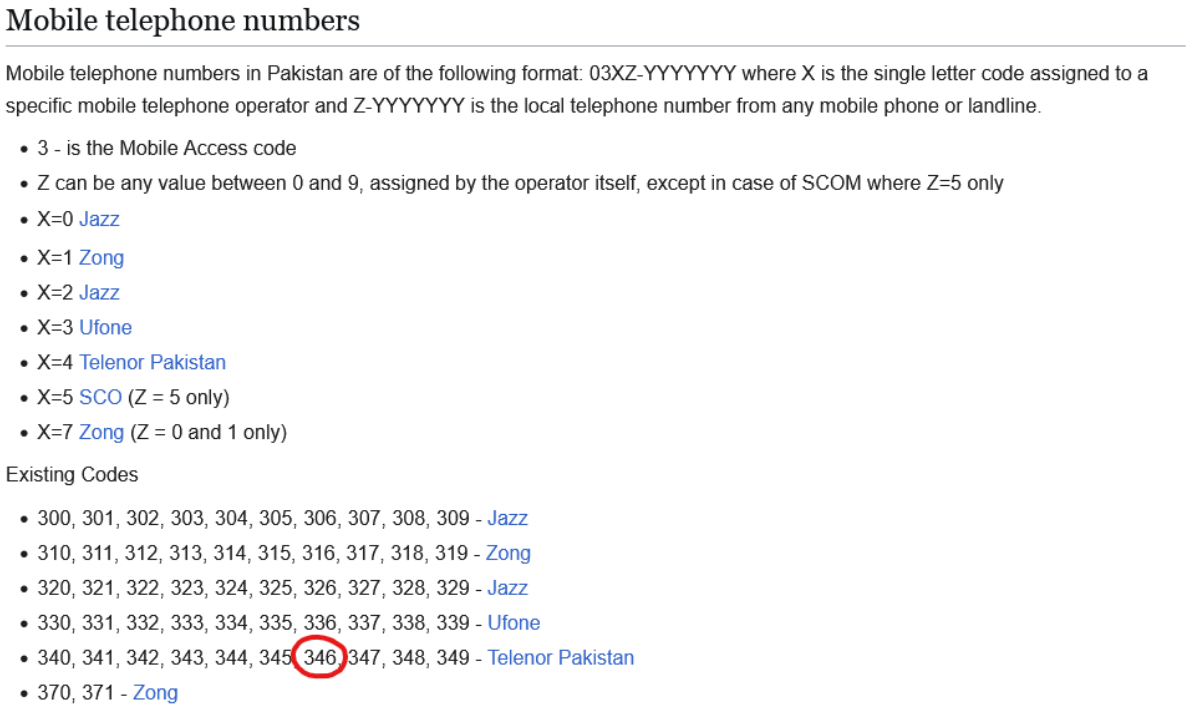
## Answer

MIR4GE{TelenorPakistan}

## Path

1. Get the phone on https://wingsofumeed.site
   You can check with all the pages on archives to realise it's alway starting with the same 3 digits.

2. With the phone number, check for pakistan standards :
   https://en.wikipedia.org/wiki/Telephone_numbers_in_Pakistan



### Mobile telephone numbers

Mobile telephone numbers in Pakistan are of the following format: 03XZ-YYYYYYY where X is the single letter code assigned to a specific mobile telephone operator and Z-YYYYYYY is the local telephone number from any mobile phone or landline.

- 3 - is the Mobile Access code
- Z can be any value between 0 and 9, assigned by the operator itself, except in case of SCOM where Z=5 only
- X=0 Jazz
- X=1 Zong
- X=2 Jazz
- X=3 Ufone
- X=4 Telenor Pakistan
- X=5 SCO (Z = 5 only)
- X=7 Zong (Z = 0 and 1 only)

Existing Codes

- 300, 301, 302, 303, 304, 305, 306, 307, 308, 309 - Jazz
- 310, 311, 312, 313, 314, 315, 316, 317, 318, 319 - Zong
- 320, 321, 322, 323, 324, 325, 326, 327, 328, 329 - Jazz
- 330, 331, 332, 333, 334, 335, 336, 337, 338, 339 - Ufone
- 340, 341, 342, 343, 344, 345, 346, 347, 348, 349 - Telenor Pakistan
- 370, 371 - Zong

3. The provider is then Telenor Pakistan

# Challenge B20

## Question

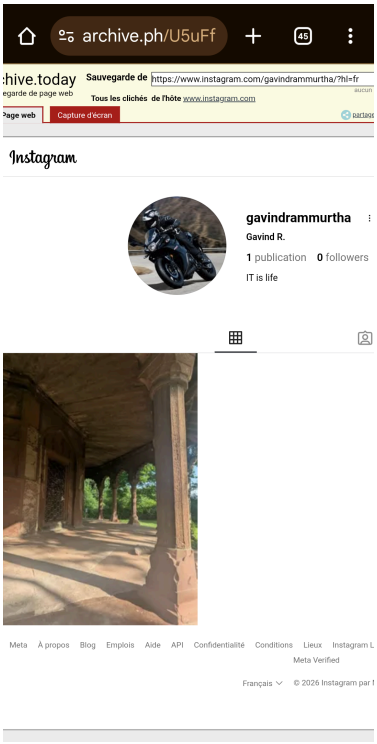
What is Gavind Rammurtha Motorbike ?
MIR4GE{Brand_Model}
MIR4GE{Ducati_Panigale}

## Answer

MIR4GE{Suzuki-GSX250R}

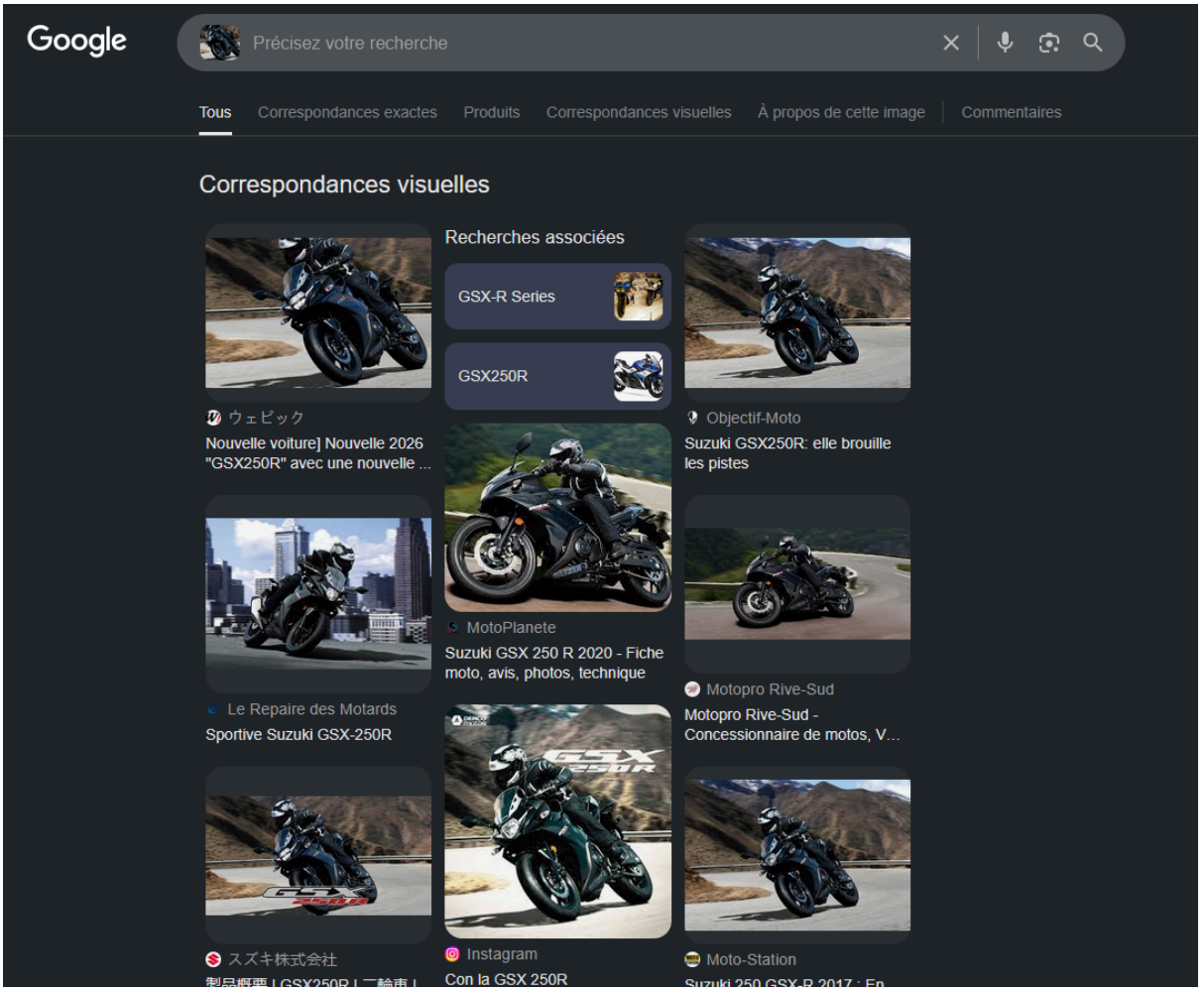
## Path

1. You need to check the archives of Gavind Instagram
   (Note that webarchive do not allow to save Instagram pages, you need to find another archives tool)




https://archive.ph/https://www.instagram.com/gavindrammurtha/*
https://archive.ph/U5uFf
https://archive.ph/VH9Ss

2. Reverse Image Search on that picture :


Google
Précisez votre recherche
Tous
Correspondances exactes
Produits
Correspondances visuelles
À propos de cette image
Commentaires
Correspondances visuelles
Recherches associées
GSX-R Series
GSX250R
ウェビック
Nouvelle voiture] Nouvelle 2026 "GSX250R" avec une nouvelle ...
Objectif-Moto
Suzuki GSX250R: elle brouille les pistes
MotoPlanete
Suzuki GSX 250 R 2020 - Fiche moto, avis, photos, technique
Le Repaire des Motards
Sportive Suzuki GSX-250R
Motopro Rive-Sud
Motopro Rive-Sud - Concessionnaire de motos, V...
スズキ株式会社
Instagram
Con la GSX 250R
Moto-Station