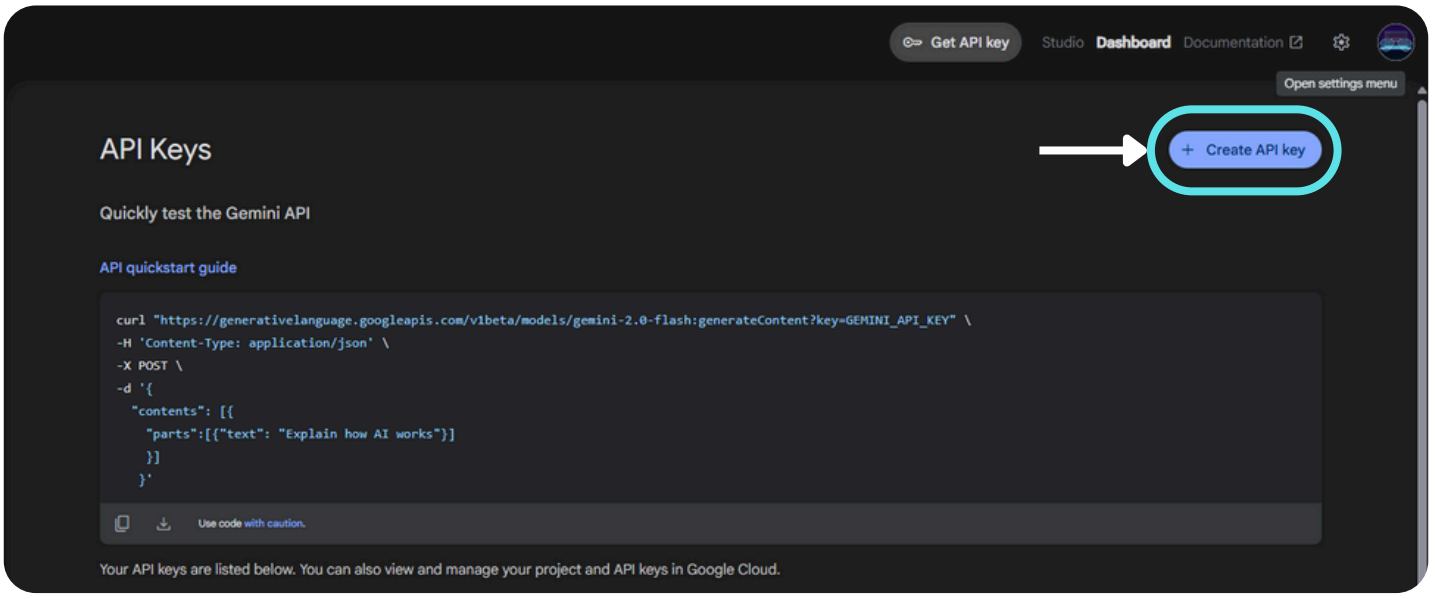
LinkedIn Post Generator using LangChain and Gemini

Step-by-Step Process to Get API Key from Google AI Studio

Open Google AI Studio:
Go to the official Google AI Studio website using this link: Click here

Google AI Studio API Key Page.
Sign In: If you are not already logged in, sign in with your Google account credentials.
Navigate to API Key Section:
Once logged in, locate the "API Keys" section in the dashboard or menu.

Generate API Key:
Click on the "Create API Key" button.



Provide a name for your API key (optional but recommended for better management).
Configure the necessary permissions for the API key as required for your use case.

Secure Your API Key:
Copy the API key generated.
Store it securely. Avoid sharing it publicly to prevent unauthorized access.

Use Your API Key:
Use the copied API key in your application or project as required.

1. Open Google Colab.
2. Click on "File" > "New Notebook" to create a new file.
3. Copy the code from the provided link.
4. Paste the code into the new Colab file.
5. Run each cell sequentially by clicking the play button on the left side of each cell.
6. Follow any additional instructions in the notebook if provided.

For the code to be a lot better and more secure:

1. **Store the API key in a separate configuration file named** `config.txt`, rather than hardcoding it in the code.
2. **Make sure the** `config.txt` **file is hidden or securely stored**, preventing unauthorized access.
3. **Use the following approach in your code:**

- Create a `config.txt` file and store your API key in it (e.g., `YOUR_API_KEY_HERE`).
- Use the following code to securely read the API key:

python Copy Edit

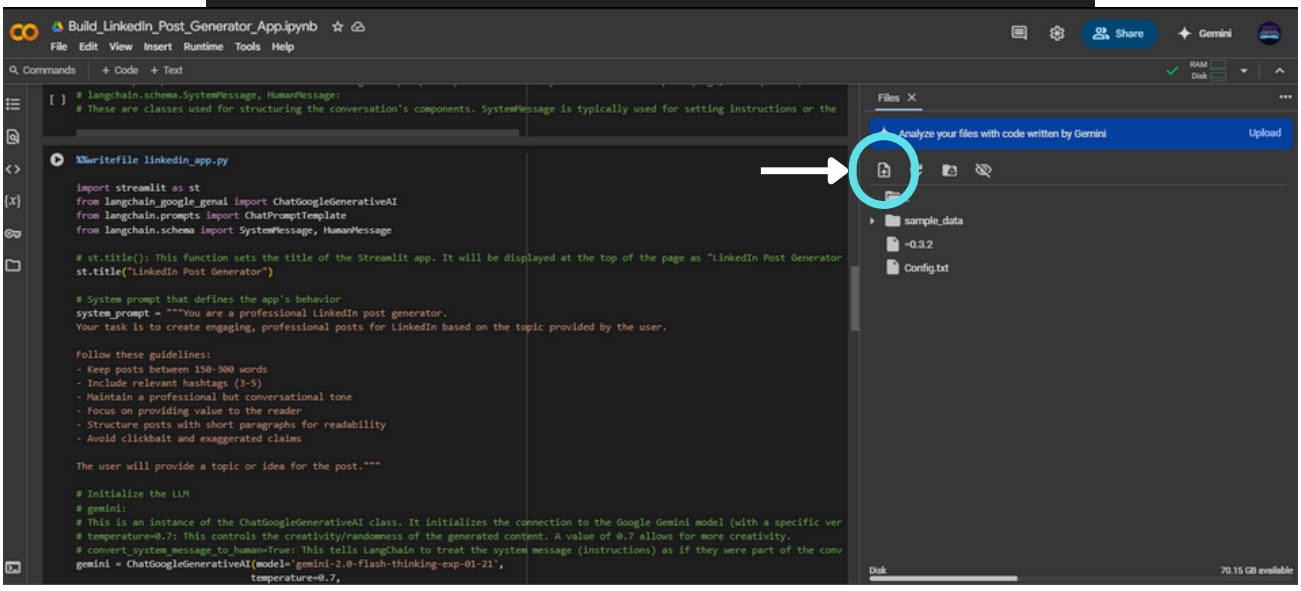
```python
with open('config.txt') as file:
    API_KEY = file.read().strip()

print(API_KEY)
```

This method keeps your API key secure and prevents it from being exposed directly in the code.

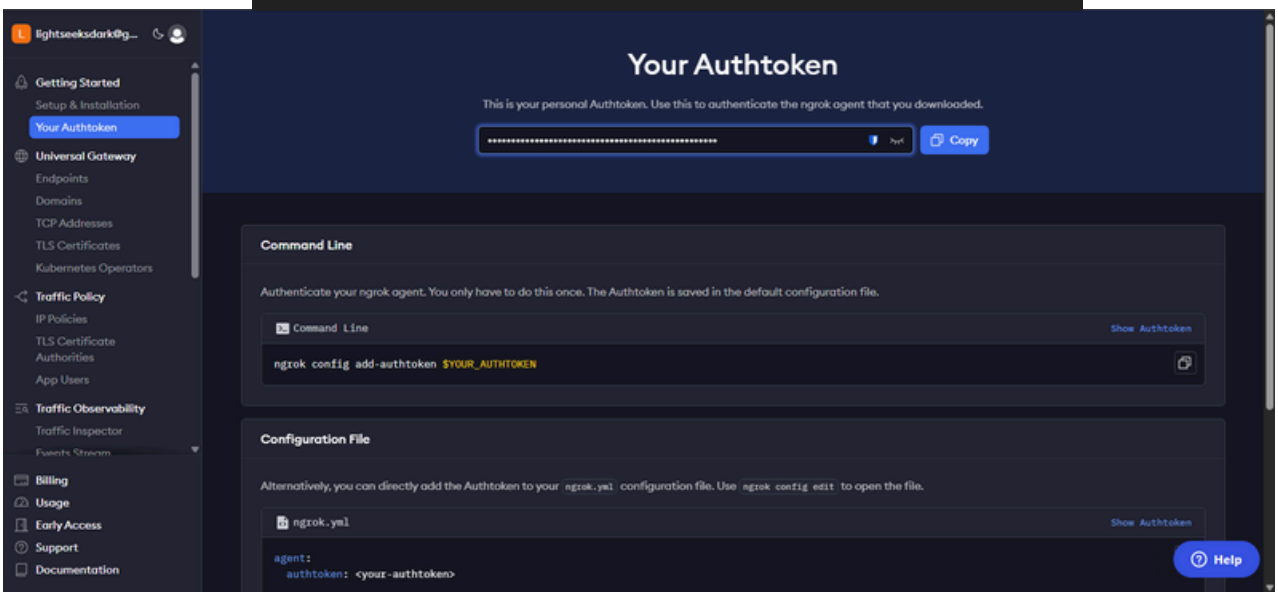
To securely use the API key in Google Colab:

1. **Upload the** `config.txt` **file:**
   - Click the **folder icon** (Files tab) on the left sidebar in Google Colab.
   - Click the **"Upload" icon** (upward arrow).
   - Select your `config.txt` file.



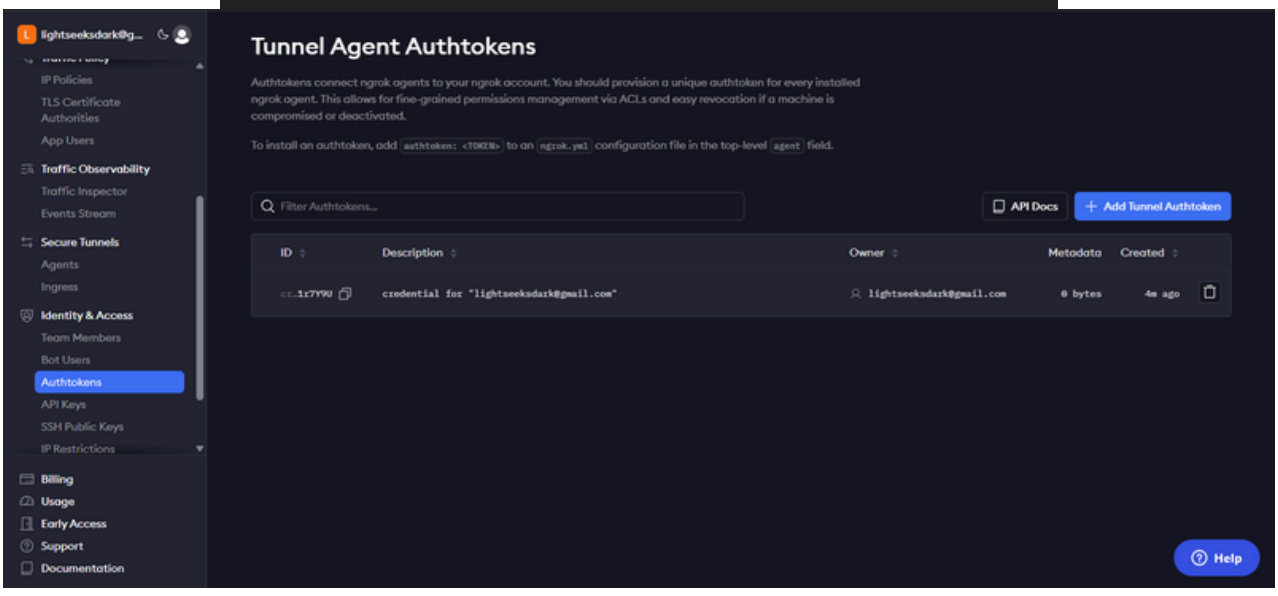
To get your **ngrok AuthToken:**

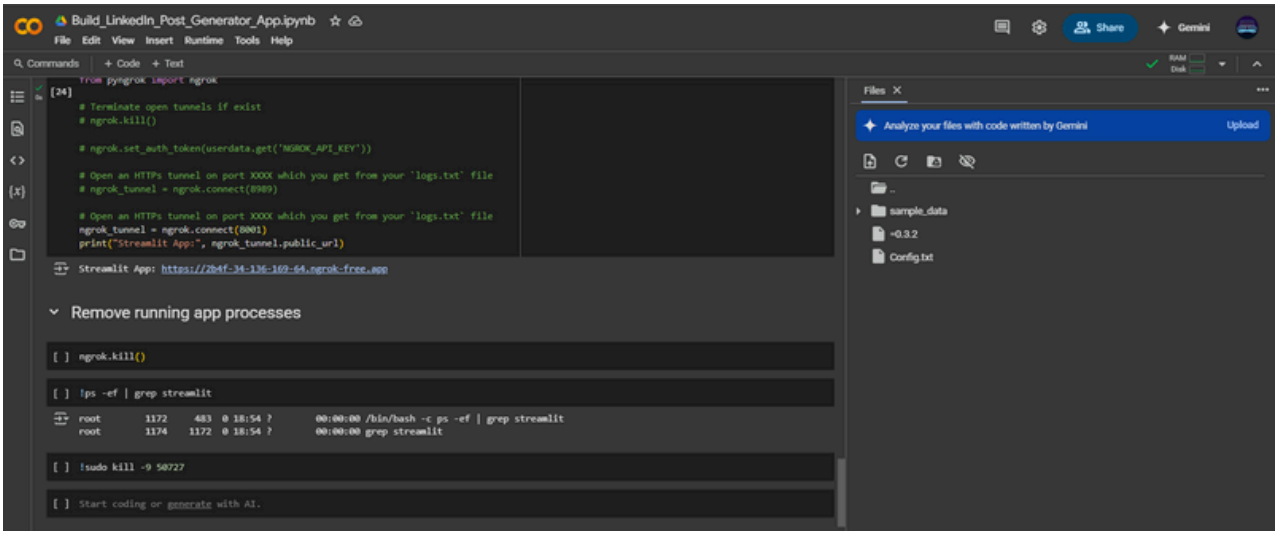
1. **Go to ngrok.com** and log in to your account.
2. Go to the **"Dashboard"**.
3. Click on **"AuthToken"** or **"Get Your AuthToken"**.
4. Copy the token displayed.



To get your **ngrok Tunnel AuthToken:**

1. **Go to ngrok.com** and log in to your account.
2. Navigate to **"Identity and Access"** in the sidebar.
3. Select **"Authtoken"**.
4. Copy the **AuthToken** for your tunnel.




Build_LinkedIn_Post_Generator_App.ipynb
File Edit View Insert Runtime Tools Help
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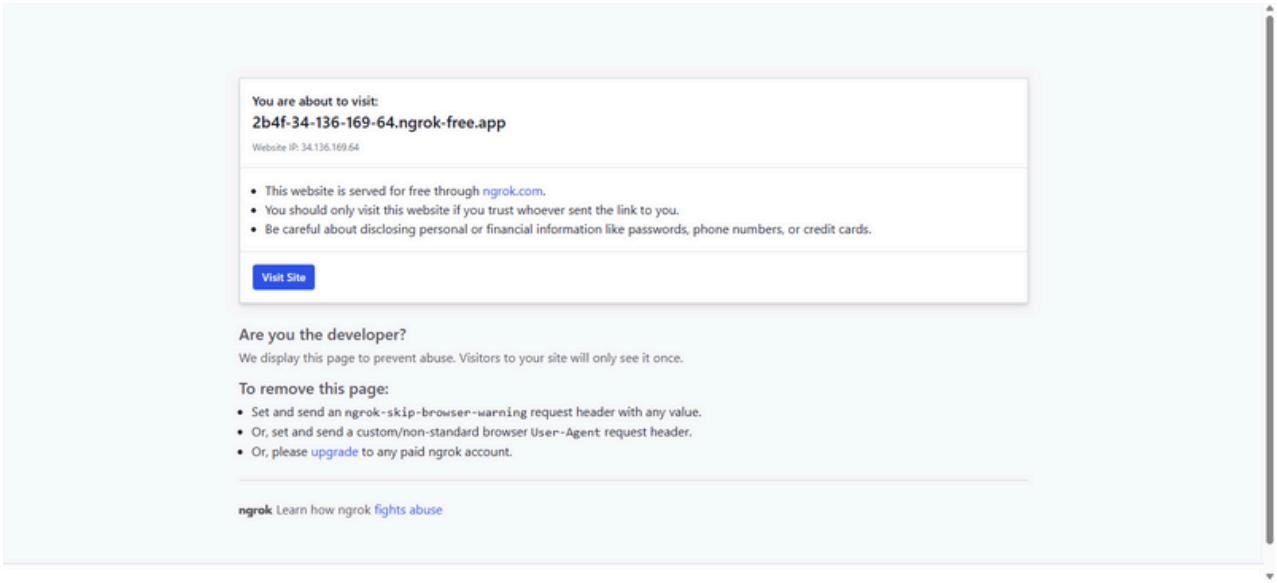
+ Text
[24]
from pyngrok import ngrok
# Terminate open tunnels if exist
# ngrok.kill()
# ngrok.set_auth_token(userdata.get('NGROK_API_KEY'))
# Open an HTTPs tunnel on port XXXX which you get from your 'logs.txt' file
# ngrok_tunnel = ngrok.connect(8989)
# Open an HTTPs tunnel on port XXXX which you get from your 'logs.txt' file
ngrok_tunnel = ngrok.connect(8001)
print("Streamlit App:", ngrok_tunnel.public_url)
Streamlit App: https://2b4f-34-136-169-64.ngrok-free.app
Remove running app processes
[ ] ngrok.kill()
[ ] !ps -ef | grep streamlit
root 1172 483 0 18:54 ? 00:00:00 /bin/bash -c ps -ef | grep streamlit
root 1174 1172 0 18:54 ? 00:00:00 grep streamlit
[ ] !sudo kill -9 50727
[ ] Start coding or generate with AI.
Files
Analyze your files with code written by Gemini
Upload
sample_data
-0.3.2
Config.txt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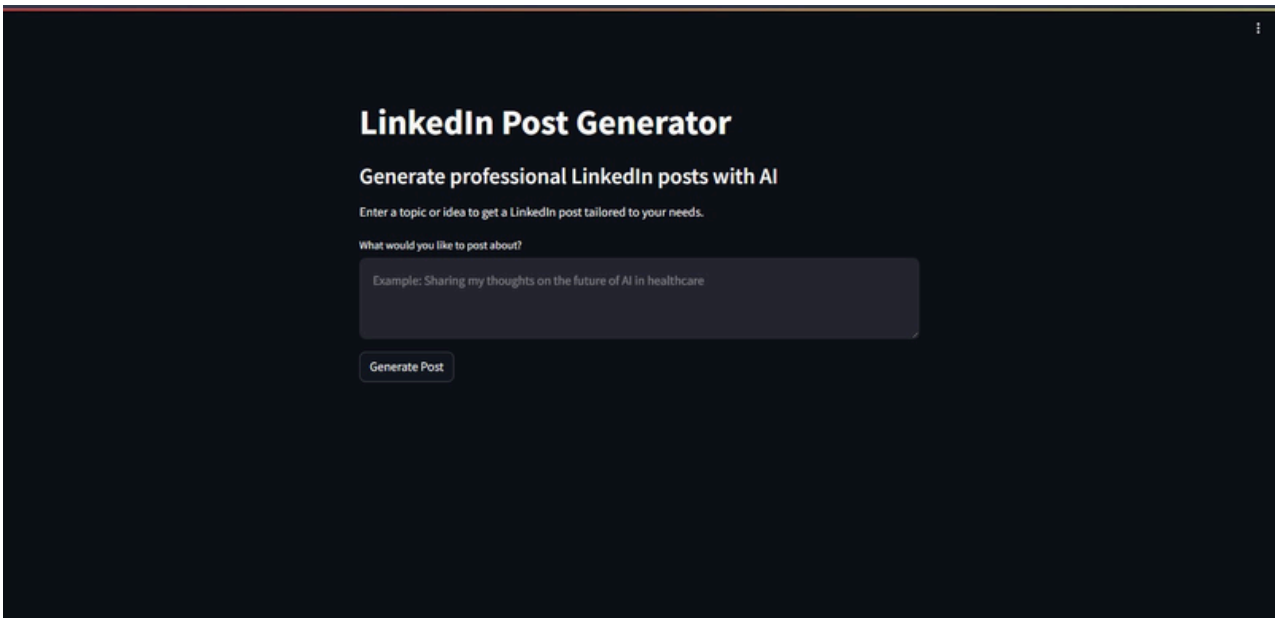
LinkedIn Post Generator
Generate professional LinkedIn posts with AI
Enter a topic or idea to get a LinkedIn post tailored to your needs.
What would you like to post about?
Example: Sharing my thoughts on the future of AI in healthcare
Generate Post

LinkedIn Post Generator

Generate professional LinkedIn posts with AI

Enter a topic or idea to get a LinkedIn post tailored to your needs.

What would you like to post about?

my healthy life while coding and reading manga and watching animes

Generate Post

Your LinkedIn Post:

Here's a draft for your LinkedIn post:

It's easy to get completely absorbed when you're deep in coding, exploring a fascinating manga world, or captivated by an anime series. These activities are fantastic for stimulating creativity and providing relaxation, but they often involve long hours of sitting.

For many of us in tech and other sedentary professions, balancing screen time with physical and mental well-being is a real challenge. Our hobbies can mirror our work habits in terms of posture and lack of movement. Yet, maintaining health isn't just about fitness; it directly impacts our focus, energy, and overall productivity at work.

So, how do you keep a healthy lifestyle while embracing your passions like coding, manga, and anime? It requires conscious effort and smart habits.

Simple strategies can make a significant difference. Schedule regular breaks – stand up, stretch, or walk around for a few minutes every hour. Pay attention to ergonomics, whether you're at your coding desk or settled in for a reading/watching session. Even small movements, like pacing while thinking through a problem or doing quick stretches between anime episodes, add up.

It's about integrating mindful movement and breaks into your routine, acknowledging that your physical health supports your ability to enjoy both your work and your hobbies to the fullest.

What are your best tips for staying healthy while enjoying sedentary activities? Share your strategies below!

#WorkLifeBalance #HealthyHabits #DeveloperLife #Wellbeing #Productivity

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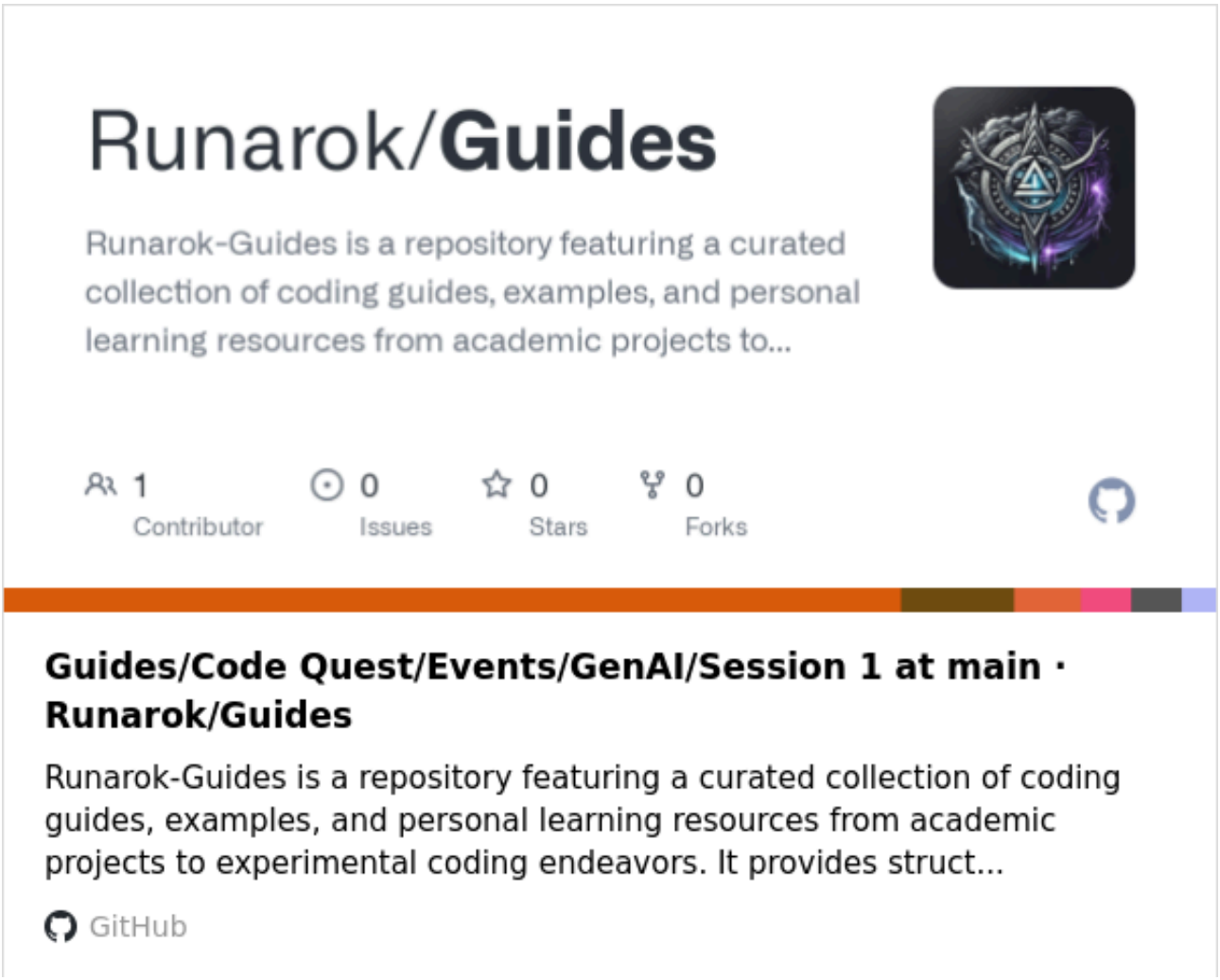
Copy this post to your clipboard and share it on LinkedIn!

Click here to access the relevant codes associated with this



This program/project was developed during a workshop titled 'GenAI'

This sparked a new interest in creating guides and step-by-step tutorials using Canva

Any new guides I create will likely be updated there, so feel free to follow the repository and my profile for updates.