



Hackathon Setup guide

Leverage featherless.ai - a serverless AI inference platform with unlimited access to thousands of open-source AI models. Focus on building amazing applications while we handle the infrastructure.

Get Started in 3 Steps



Sign up for Feather Premium

- Sign up at featherless.ai,
- go to the Pricing page
- Select Feather Premium and fill in coupon code DATATHON

The screenshot shows the featherless.ai website's Pricing page. At the top, there's a navigation bar with links for Models, Resources, Pricing, Chat, and Status. A search bar and a user profile icon are also present.

In the center, there's a section titled "Upgrade your plan" with a back arrow and a "Billing Information" form. The form includes fields for Full name, Country or region (set to Belgium), and Address.

To the right, a large box highlights the "Feather Premium" plan, which costs \$25.00/month. It lists several features:

- Access to DeepSeek, Kimi-K2 and GLM 4.6
- Access any model - no limit on size!
- Up to 4 concurrent connections
- Up to 32K context

A red arrow points from the "Amount due now" section in the main table below to the "Got a coupon or referral code?" input field at the bottom right.

Billing Information

Full name: [redacted]
Country or region: Belgium
Address: [redacted]

Feather Premium
\$25.00 /month
Max. ∞B

Change

Access to DeepSeek, Kimi-K2 and GLM 4.6
Access any model - no limit on size!
Up to 4 concurrent connections
Up to 32K context

Payment Information

Card (selected)
Google Pay
Bank
US\$5 back
Cash App Pay

You will be charged the following:

1 × Feather Premium (at \$25.00 / month)	\$25.00
Amount due now	\$25.00

Got a coupon or referral code?

Enter promotion code here **Apply**

By providing your card information, you allow Featherless AI to charge your card for future purchases.

Get Started in 3 Steps



Get your API key

- After subscribing, go to the top right and click on API Keys
- Here you can create an API key, keep this API key handy, you'll need it to access the service

The screenshot shows the featherless.ai dashboard. On the left, there's a sidebar with 'FEATHERLESS' and 'ACCOUNT' sections. Under 'FEATHERLESS', 'API Keys' is selected and highlighted with a red box. Under 'ACCOUNT', there are links for 'Profile', 'Change Password', 'Subscription', 'Payment Methods', and 'Referral Program'. At the top, there are navigation links for 'Models', 'Resources', 'Pricing', 'Chat', and 'Status'. A green dot next to 'Status' indicates it's active. In the center, the 'API Keys' section displays two keys: 'aifu' and 'litellm'. Each key has columns for 'Key', 'Created', and 'Last Used'. To the right, a user profile for 'Darin Verheijke' is shown with a blue profile picture. The 'Account & Billing' section is expanded, showing 'API Keys' (which is also highlighted with a red box), 'Discord', 'Refer a Friend', and 'Log out'. At the bottom, there are footer links for 'Discord', 'F.A.Q.', 'About', 'Terms', 'Privacy', 'Cookies', and a light mode switch.

featherless.ai

Models Resources Pricing Chat Status

Search models...

Darin Verheijke

Account & Billing

API Keys

FEATHERLESS

API Keys

Private Models

Private Cloud

ACCOUNT

Profile

Change Password

Subscription

Payment Methods

Referral Program

API Keys

aifu

rc_2e717*****428a

Created: Apr 3, 2025 Last Used: Oct 29, 2025

litellm

rc_14a6a*****f182

Created: Jun 2, 2025 Last Used: Oct 16, 2025

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Discord F.A.Q. About Terms Privacy Cookies

Get Started in 3 Steps

Choose a model

- Go to our [model catalog](#)
- Pick a model for your use case and copy the model ID
- Test with a simple chat completion call!

The screenshot shows the featherless.ai website's model catalog page. The top navigation bar includes links for Models (which is highlighted with a red box and a red arrow pointing to it), Resources, Pricing, Chat, and Status. A search bar and a user profile icon are also present. The main content area is titled "Models" and displays a grid of 12 model cards. Each card contains the model name, a "Warm" status indicator, a brief description, a thumbnail image, a like count, and a cost. The models shown include various families like Deepseek 3, Gemma, GLM, GPT OSS, GPT-SW3, GPT2-SW3, Ling 2, Llama 3.3, Llama 3.2, Llama 3.1, Llama 3, Llama 2, Mellum, Mistral 3.1, and Mistral 3. The "Models" link in the navigation bar is highlighted with a red box and a red arrow.

Model Family	Count
Deepseek 3	(4)
Gemma 3	(179)
Gemma 2	(840)
Gemma	(13)
GLM 4.6	(1)
GLM 4	(20)
GPT OSS	(1)
GPT-SW3	(5)
GPT2-SW3	(5)
Ling 2	(1)
Llama 3.3	(147)
Llama 3.2	(2505)
Llama 3.1	(1192)
Llama 3	(1188)
Llama 2	(1054)
Mellum	(6)
Mistral 3.1	(18)
Mistral 3	(120)

Popular Model Options



DeepSeek-V3-0324

Advanced reasoning and
coding capabilities



Llama-3.3-70B-Instruct

Powerful general-purpose
model



Kimi-K2-Instruct

Long context capabilities



Mistral-Nemo-Instruct

Fast and efficient processing



GLM-4.6

Bilingual capabilities

Your First API Call

Using Python Requests

```
import requests
response = requests.post(
    url="https://api.featherless.ai/v1/chat/completions",
    headers={
        "Authorization": "Bearer YOUR_API_KEY"
    },
    json={
        "model": "deepseek-ai/DeepSeek-V3-0324",
        "messages": [
            {"role": "user", "content": "Hello!"}
        ]
    }
)
print(response.json())
```

Using OpenAI SDK

```
from openai import OpenAI
client = OpenAI(
    base_url="https://api.featherless.ai/v1",
    api_key="YOUR_API_KEY"
)
response = client.chat.completions.create(
    model="deepseek-ai/DeepSeek-V3-0324",
    messages=[
        {"role": "user", "content": "Hello!"}
    ]
)
print(response.choices[0].message.content)
```



Core API Endpoints

/v1/chat/completions

Best for: Chatbots, virtual assistants, conversational applications

- Structured messages with roles (system, user, assistant)
- Maintains conversation context automatically
- Ideal for interactive user-assistant interactions

/v1/completions

Best for: Content generation, text transformation, data extraction

- Takes a single prompt string
- Direct control over prompt format
- Maximum flexibility for custom use cases

Troubleshooting Common Errors



401 - Unauthenticated

API key not recognized. Verify you've copied it correctly or generate a new one from account settings.



403 - Unauthorized

Model is gated. Visit the model's page, click "Unlock Model," and agree to license terms.



500 - Internal Server Error

Request could not be processed. Check for unsupported parameters in API documentation.



503 - Service Unavailable

Insufficient capacity or cold model. Retry the request. If it persists after three attempts, report on Discord.

Concurrency Limits

Featherless operates on a unique model of **capacity reservation** rather than token-based billing. Your subscription tier determines the maximum size and number of concurrent AI model inference calls you can make, ensuring consistent performance without unpredictable token costs.

Model Concurrency Costs

7B to 15B	1	Qwen 2.5 7B, Llama2 13B
24B to 34B	2	Qwen 32B Coder, Mistral 3 24B
70B and 72B	4	Llama 3.3 70B, Qwen 2.5 72B
Deepseek v3, R1 & Kimi-K2	4	(Feather Premium only)

For a more advanced explanation and detailed examples, visit our [Concurrency Limits documentation](#).

Application Guides

Explore our detailed application guides designed to help you seamlessly integrate Featherless.ai into your existing projects and workflows.

Find these guides and more on our documentation page:

featherless.ai/docs/application-guides

Coding

Aider

Powering your in-terminal coding assistance with inference from featherless

Cursor

Setting Up Cursor with Featherless.ai

Roo Code

Roo Code (prev. Roo Cline) gives you a whole dev team of AI agents in your code editor.

Cline

A fully collaborative AI partner that's open source, fully extensible, and designed to amplify developer impact.

Workflow Automation

n8n

Supercharge your AI workflows by connecting Featherless with n8n's powerful automation platform. Build sophisticated AI-powered automations that connect with 1000+ apps and services.

Dify

Unleash 10,000+ open-source models in Dify with our dedicated plugin. Build powerful AI applications using serverless inference and low-code orchestration without the infrastructure headaches.

Ready to Build!

You now have everything you need to start building amazing AI-powered applications. Here's your action plan:

1 Test Your Setup

Get your API key and test with a simple example

2 Explore Models

Find the right model for your use case in the catalog

3 Review Examples

Check the GitHub cookbook for code samples

4 Start Building

Begin your hackathon project with confidence

Quick Links: [Sign Up](#) · [Model Catalog](#) · [Documentation](#) · [GitHub](#)

Good luck with your hackathon project! We can't wait to see what you build!