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r/StableDiffusion • 1 yr. ago

CaptArgo24



Any steeps on how to make How to make an AI Image generation site?

[Question - Help](#)

I was looking to make an AI image generation site similar to <https://legacy.mage.space/> on a smaller scale for friends and personal use, but I have no idea where to start or where and how to host it. Does anyone know any good steps to take when building one?



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jonbristow • 1y ago

This is like asking "I want to build a car like a Ferrari. Where to start?"



11



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CaptArgo24 **OP** • 1y ago

that's easy



1



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jscammie • 1y ago

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Heya, Developer of the [JSCammie Image Generator](#) . I can't give you a step by step guide but I can give you some pointers!

Typically services like these (and mine) have 2 parts to them, A front-end (the website you see) for users to input prompts, aspect ratio's and other settings. And a back-end, (the image generator) where the GPU(s) generate the images from a queue.

Here is how to set it up running locally (This is based on how I setup my generator website... ROUGHLY):

IF you are running this on your own computer (locally), then firstly I'd recommend playing around with and using [Huggingface's Diffusers library](#), as this is a simple way to load models, loras and generate images & it supports all popular os's (windows, linux, mac arm/mac x86), this requires [pytorch](#).

I'd recommend reading the documentation I've linked for the Huggingface Diffusers Library and learn how to load a model > then generate an image > and lastly save said image. For image saving and loading I'd recommend [pillow](#)!

Secondly, start very very basic at first, I'd recommend creating the AI Image Generator part of it, using:

[Flask](#) (Connecting your Image Generator to the Website)

[Huggingface Diffusers](#) (Model Loading, Image Generation, Lora Loading)

[Pillow](#) (general image loading/saving/manipulation)

[BytesIO](#) & [base64](#) (converting the image to base64 to be sent to the user)

Here is a mockup I made based off the JSCammie AI Image Generator:

<https://pastecode.io/s/ef6mvyv6>

& For the website code you could do something basic like this just to get started:

<https://pastecode.io/s/vdiu3464>

This is just 1 example of a front-end and back-end for an AI Image generator, If you want you can look at the back-end code for JSCammie on its [Github](#)!

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Intelligent_Map8761 • 1y ago

Meta/Google/Amazon buying up all GPU's and selling computations for a small fee... start to think it is really cost efficient to subscribe to one of their cloud gpu's/platforms to host site.

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zvezdaschora • 1y ago

I'd just set up a website in Flask and make calls to Auto1111's API.

If you don't mind paying for the electricity yourself, you can run inference on your own PC and then use port forwarding to expose the website to the outside world. I heard that this may count as a TOS violation for some ISPs, though...

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AI Image Generation for Complete Newbies: A Guide

117 upvotes · 40 comments



r/Blogging • 5 mo. ago

What's a Good Ai Image Generator?

4 upvotes · 80 comments



r/StableDiffusion • 2 mo. ago

Is there any unlimited image generation platform?

1 upvote · 64 comments



r/StableDiffusion • 10 mo. ago

Has anyone created a free and open source AI image generator other than SD?

4 upvotes · 10 comments



r/StableDiffusion • 4 mo. ago

Weird question but how do I create AI images of myself.

20 upvotes · 54 comments



r/StableDiffusion • 2 mo. ago

Basic question regarding best AI Image Generator in 2025?

3 upvotes · 22 comments

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12 comments



r/StableDiffusion • 2 mo. ago

What would you consider to be the most significant things that AI Image models cannot do right now (without significant effort)?

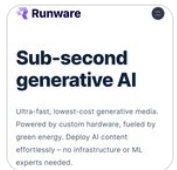
86 upvotes · 106 comments



r/singularity • 8 mo. ago

Almost instant image generator

431 upvotes · 211 comments



r/StableDiffusion • 3 mo. ago

best way to generate AI video locally?

6 upvotes · 33 comments



gD r/gamedev • 1 yr. ago

Best affordable AI Image Generation w/ dedicated server?

7 comments



r/StableDiffusion • 1 yr. ago

Is there any free image generator website out there? [GPU poor and just poor in general]

4 upvotes · 18 comments



r/StableDiffusion • 5 mo. ago

Open source AI Video Generator

5 upvotes · 12 comments



r/foss • 3 mo. ago

Is there is any free open source AI or photo editing software which have Generative Fill of Photoshop like feature?

7 upvotes · 4 comments



r/StableDiffusion • 10 days ago

Seeing all these super high quality image generators from OAI, Reve & Ideogram come out & be locked behind closed doors makes me really hope open source can catch up to them pretty soon

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FLUX | It's Fazing Time



2 upvotes · 1 comment



r/technology • 5 days ago

OpenAI's new image generator is now available to all users | TechCrunch



3 comments



r/JSCammie • 9 mo. ago

June 2024 - New Lora GUI, Lora Preview Images & Lora Safety Ratings

5 upvotes



r/ChatGPT • 1 yr. ago

Anyone know how to build a perplexity clone?

2 upvotes · 5 comments



r/webdev • 1 yr. ago

Any resources to learn how to make a good design spec?

3 upvotes



r/StableDiffusion • 2 mo. ago

This Company Got a Copyright for an Image Made Entirely With AI. Here's How



139 upvotes · 42 comments



r/COPYRIGHT • 3 yr. ago

AI image generator. Open source and copyright free (CC0)

2 upvotes · 11 comments



r/StableDiffusion • 7 mo. ago

Will we ever get an open source Ai video tool as good as Sora/Kling?

10 upvotes · 32 comments



r/artificial • 1 yr. ago

what are some open source generative ai apps?

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Any AI art generators with no restrictions and are free-to-use with decent speed and image quality?

728 upvotes · 507 comments

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