



Fruition: Free, Open Source Toolkit for Building Websites with Notion

- If your site doesn't work, please read this section.

👉 Features: custom domains, pretty URLs, dark mode, custom font, custom Javascript

👉 Use cases: perfect for your portfolio, blog, job posting, landing page, or business site

👍 Benefits: completely free, no coding required, no lock-in, [open source](#)

👎 Downsides: self-managed solution, needs ~10 minutes to setup

Hello! My name is Stephen, a huge Notion fan and a software engineer. I decided to combine the two and build something cool for the Notion community.

The result is Fruition. With Fruition, you can build and customize your website using Notion pages. It supports custom domains, dark mode, Google Fonts, SEO, and script injection. The coolest feature is pretty URLs. Click this link ⇒

>Showcase, address bar should say fruitionsite.com/showcase.

Today, I'm sharing with you how to do it **for free**, with no coding knowledge required.

If you want a fully managed solution, you should use sites like Super. If you'd like to DIY and save some money like **hundreds of people** have done, follow along. It will take 10 minutes. I promise it will be easier than setting up a WordPress site.

Get Started



Prefer video instead? Watch this step-by-step tutorial created by Dimitris Kamaritis.

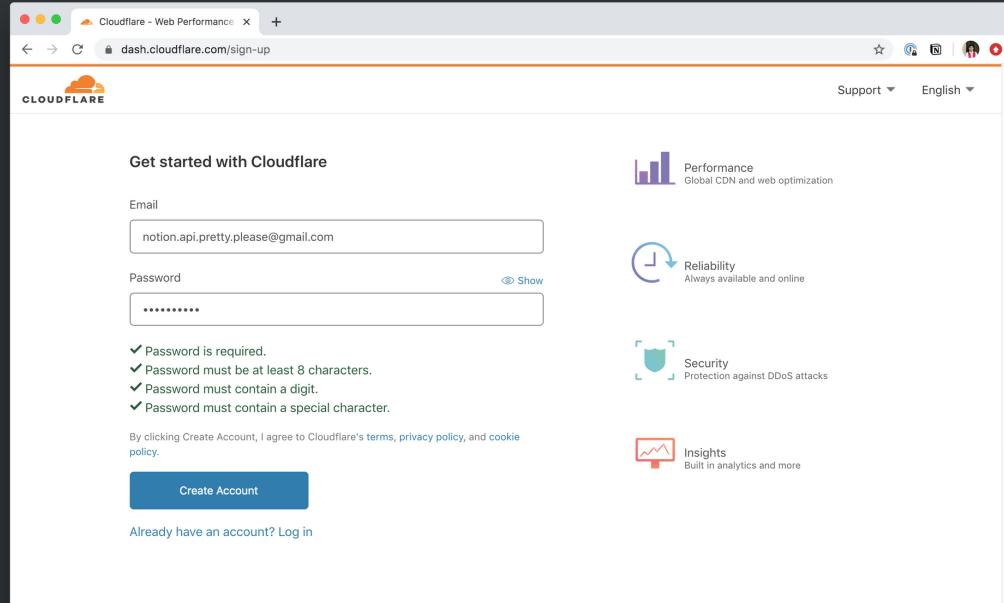
On a high level, we are utilizing Cloudflare Workers to rewrite traffic. The solution is inspired by this script (thank you Mayne!), and I added my own features like pretty links.

▼ Step 0: Prerequisite

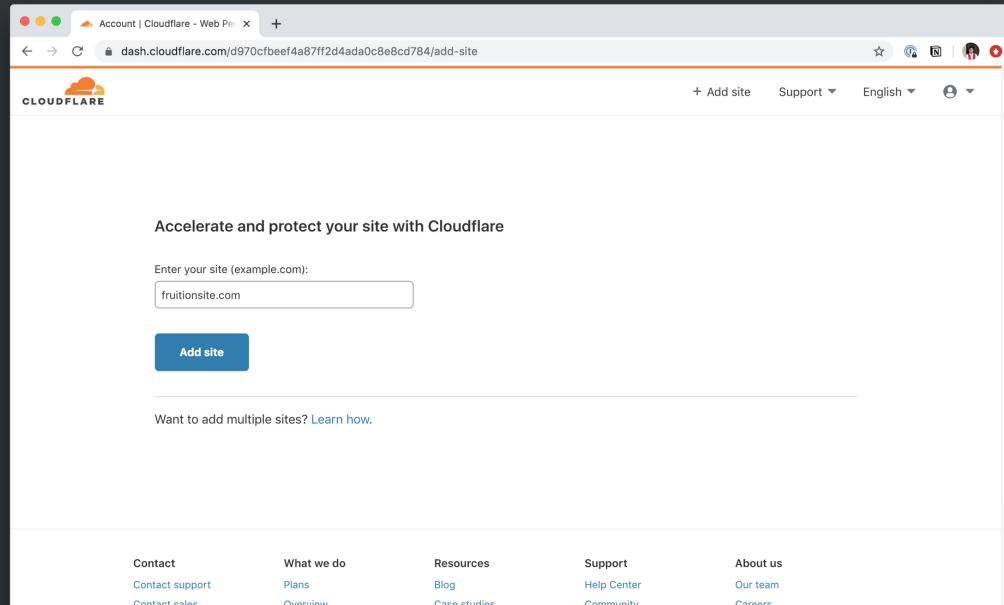
1. Enable **Public Access** on your desired pages through Notion's Share menu, and **Allow Search Engines** (optional).
2. Purchase your desired domain with a registrar like Namecheap, or use your existing domain or subdomain.

▼ Step 1: Set up your Cloudflare account (5 mins)

1. Sign up for an account: <https://dash.cloudflare.com/sign-up>



2. Enter your custom domain name. If you would like to use a subdomain, you should still enter your root domain name here.



3. Select the Free plan

4. If you want to use Cloudflare as your DNS provider, click on the "DN

Select a plan

Free	\$0/month
For personal websites, blogs, and anyone who wants to explore Cloudflare.	
Learn more about our plans	
Confirm plan	

Pro
\$20/month per domain
For professional websites, blogs, and portfolios requiring basic security and performance.

Business
\$200/month per domain
For small eCommerce websites and businesses requiring advanced security and performance, PCI compliance, and prioritized 24/7/365 phone, email, or chat support.

Enterprise
Get in touch
For companies requiring enterprise-grade security and performance, prioritized 24/7/365 phone, email, or chat support, and dedicated executive support.

- If you are using a subdomain, add one with your subdomain as the Name and **1.1.1.1** as the Content.

fruitionsite.com

MX	fruitionsite.com	mail handled by eforward4.reg... (15)	Automatic
MX	fruitionsite.com	mail handled by eforward4.reg... (15)	Automatic
TXT	fruitionsite.com	v=spf1 include:spf.efwd.registrar-s...	Automatic

[Continue](#)

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 Call sales: +1 (888) 993 5273 Features Partners System status Press
[Twitter](#) [Facebook](#) [LinkedIn](#) Network Customers Videos Website Terms of Use
 Apps API Trust & Safety Self-serve Subscription Agreement
[Privacy Policy](#)

5. Copy the 2 nameservers, which end with **.ns.cloudflare.com**

6. Point your domain to Cloudflare

The screenshot shows the Cloudflare dashboard with the heading "Change your nameservers". A callout box states: "Pointing to Cloudflare's nameservers is critical for activating your site successfully. Otherwise, Cloudflare is unable to manage your DNS and optimize your site." Below this, a sub-section titled "1. Log in to your Namecheap account" shows a screenshot of a Namecheap account interface where nameservers are being changed.

7. Wait for a minute, then click Done, check nameservers

The screenshot shows the Cloudflare dashboard with the message "Click to copy" above a note: "Check to make sure they're correct, then **Save your changes**. Registrars typically process nameserver updates within 24 hours. Once this process completes, Cloudflare confirms your site activation via email. Learn how to change nameservers in Cloudflare." At the bottom is a blue button labeled "Done, check nameservers".

8. Select Flexible SSL/TLS encryption mode

The screenshot shows the Cloudflare dashboard for the domain "fruitionsite.com". The page title is "Set up security and speed configurations for your website". It displays the current SSL/TLS encryption mode as "Flexible" (indicated by a green checkmark). Below this, there is a diagram showing traffic flow from a "Browser" to a "Cloudflare" proxy, which then connects to an "Origin Server". To the right of the diagram, four options are listed: "Off (not secure)" (disabled), "Flexible" (selected), "Full" (disabled), and "Full (strict)" (disabled). A note states: "This setting was last changed a minute ago".

9. Turn on Always Use HTTPS, Auto Minify, and Brotli (all 3 optional but recommended)

The screenshot shows the Cloudflare dashboard with three configuration sections:

- Always Use HTTPS**: Redirects all requests from "http" to "https". The switch is set to "On".
- Auto Minify**: Reduces file size of source code. Options for JavaScript, CSS, and HTML are checked.
- Brotli**: Speeds up page load times for HTTPS traffic. The switch is set to "On".

10. Select Done

The screenshot shows the Cloudflare dashboard for the domain 'fruitionsite.com'. At the top, there's a banner with the text 'Speed up page load times for your visitor's HTTPS traffic by applying Brotli compression.' with a 'On' toggle switch. Below this are two buttons: 'Set up later' and 'Done'. The main navigation bar includes links for Contact, What we do, Resources, Support, and About us. The dashboard features a row of icons for Overview, Analytics, DNS, SSL/TLS, Firewall, Access, Speed, Caching, Workers, Page Rules, Network, Traffic, Stream, Custom P..., Apps, and Scrape S... . A message box says 'Great news! Cloudflare is now protecting your site' with a checkmark icon. To the right, there are sections for Quick Actions (Purge Cache, DNS Settings), Under Attack Mode (Off), Development Mode (Off), Domain Registration (Registrar: NameCheap, Manage domain), and Active Subscriptions.

11. You will see a message that Cloudflare is now protecting your site. Click Done.

12. Select the Workers page (one of the blue boxes) and then click Manage Workers

13. Choose a subdomain for your worker (it doesn't really matter)

The screenshot shows the Cloudflare dashboard for a domain named 'fruitionsite.com'. On the left, there's a sidebar with 'Workers' and 'Account'. The main area is titled 'Set up your free Workers subdomain'. A subdomain input field contains 'fruitionsite-test.workers.dev', which is highlighted with a blue border and has a green checkmark next to it. Below the input field, a note says 'A Worker named "my-worker" would be deployed to: https://my-worker.fruitionsite-test.workers.dev'. At the bottom right of the input field is a blue 'Set up' button.

14. Click Set Up and then click Confirm

The screenshot shows the same Cloudflare interface as the previous one, but with a modal dialog box in the foreground. The dialog title is 'Set up fruitionsite-test.workers.dev?'. It contains the message 'You will not be able to change the Workers subdomain for notion.api.pretty.please@gmail.com's Account.' At the bottom of the dialog are two buttons: 'Cancel' (gray) and 'Confirm' (blue).

15. Choose the Free plan

- If your site gets a lot of visitors, you can change to the paid Unlimited plan later.

16. Verify
plan

Choose your Workers plan

Change your plan any time.

Plan	Cost	Features
Free	\$0	For personal use and simple applications Plan features: • Includes 100,000 requests per day (UTC+0) ¹ • Up to 10ms CPU time per request • Lowest latency after the first request • Up to 30 Workers
Unlimited	Starting at \$5/month	For business use and scaling applications Plan features: • Includes 10 million requests per month ² • Up to 50ms CPU time per request • Always lowest latency • Up to 30 Workers

[Continue with Free](#) [Purchase Unlimited](#)

17. Click Create a Worker

Workers

Run JavaScript, Rust, C, C++ and more on the edge with Workers.

Get started by creating a Worker or [set up the Wrangler CLI](#) to start developing locally. [Create a Worker](#)

12:00AM Tuesday (UTC) ~ 6:15AM Tuesday (UTC)

Requests today [Free](#)
0 / 100,000

Your subdomain
fruitionsite-test.workers.dev

Account ID
d970cfbeef4a87ff2d4ada0c8e8cd784
Click to copy

Documentation

- [Workers Documentation](#)
- [Template Gallery](#)
- [Quick Start Guide](#)
- [Built With Workers](#)

CLI and API

The screenshot shows a browser window with the Cloudflare dashboard open. The URL in the address bar is `dash.cloudflare.com/d970cfbeef4a87ff2d4ada0c8e8cd784/workers/new`. The page title is "Workers | Account | Cloudflare". The main content area is titled "Step 2" and contains two input fields: "Your Domain (e.g. example.org)" and "Notion URL for fruitionsite.com". Below these fields are three buttons: "ADD A PRETTY LINK", "TOGGLE STYLE AND SCRIPT SETTINGS", and a large blue button labeled "COPY THE CODE". The overall theme is white with blue and grey accents.

▼ Step 3: Paste the script in Cloudflare (1 min)

- Delete the existing code, and paste the code you copied

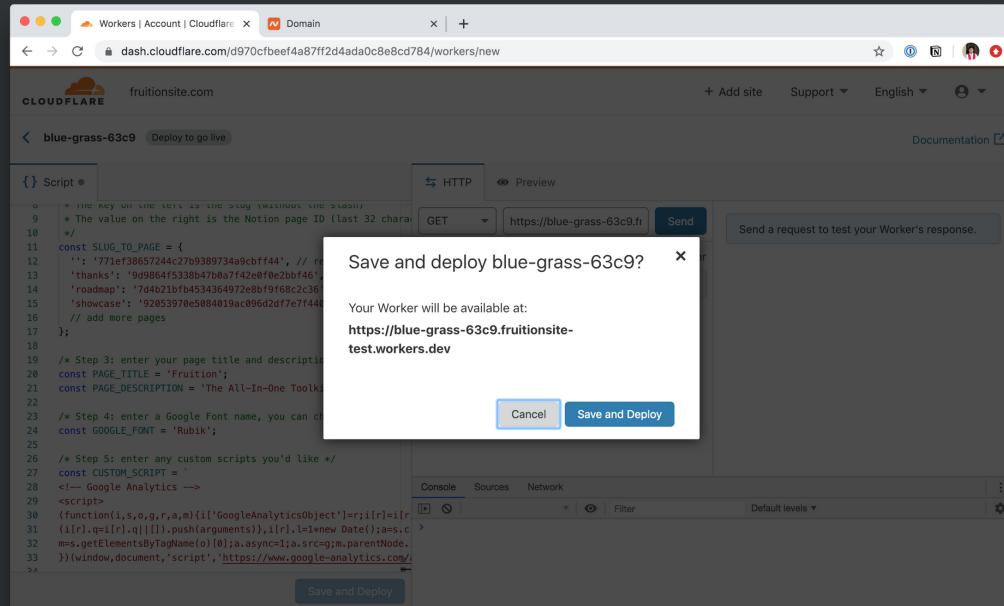
```

1  /* CONFIGURATION STARTS HERE */
2
3  /* Step 1: enter your domain name like "fruitionsite.com" */
4  const MY_DOMAIN = "fruitionsite.com";
5
6  /*
7   * Step 2: enter your URL slug to page ID mapping
8   * The key on the left is the slug (without the slash)
9   * The value on the right is the Notion page ID (last 32 characters)
10  */
11 const SLUG_TO_PAGE = {
12   ':': '771ef38657244c27b9389734a9cbff44', // required, this is
13   'thanks': '9d986af533b4b7b0a7f42e0f0e20bf46',
14   'roadmap': '7d4b21fb4534364972e8bf9f68c236',
15   'showcase': '92053970e5084019ac096d2df7e7ff440',
16   // add more pages
17 };
18
19 /* Step 3: enter your page title and description for SEO purposes */
20 const PAGE_TITLE = 'Fruition';
21 const PAGE_DESCRIPTION = 'The All-In-One Toolkit For Making Awesome Websites';
22
23 /* Step 4: enter a Google Font name, you can choose from https://fonts.google.com */
24 const GOOGLE_FONT = 'Rubik';
25
26 /* Step 5: enter any custom scripts you'd like */
27
28 <!-- Google Analytics -->
29 <script>
30   (function(i,s,o,r,a){i['GoogleAnalyticsObject']=r;i[r]=i[r]||[];i[r].l=new Date();a=s.createElement('script');a.async=1;a.src=g['parentNode'].src;document.head.appendChild(a);})(window,document,'script','https://www.google-analytics.com/analytics.js');
31   (i[r].q=i[r].q||[]).push(arguments),i[r].l=1~new Date();a=s.createElement('script');a.async=1;a.src=g['parentNode'].src;document.head.appendChild(a);
32   m=s.createElement('script');m.async=1;m.src='https://www.google-analytics.com/analytics.js';document.head.appendChild(m);
33 })(window,document,'script','https://www.google-analytics.com/analytics.js');
34

```

Last saved: 3 minutes ago Save and Deploy

- Click Save and Deploy



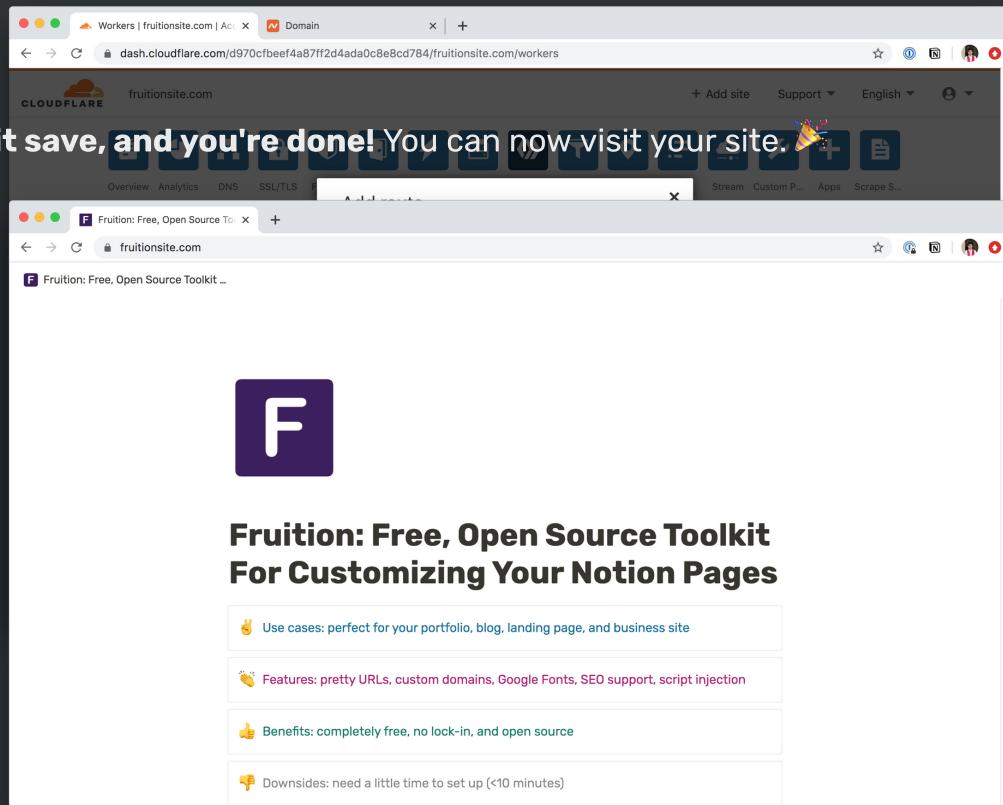
- After saving, click on your site name on the top of the page

4. Go to the Cloudflare Workers dashboard.

The screenshot shows two main sections of the Cloudflare Workers dashboard:

- Workers | Account | Cloudflare**: This section shows the configuration of a worker script named "blue-grass-63c9". The script contains code for mapping Notion page IDs to URLs. It includes comments for Step 1 (domain name), Step 2 (URL slug to page ID mapping), and Step 3 (page title and description). A preview window shows a GET request to "https://blue-grass-63c9.fr".
- Workers | fruitionsite.com | Account | Cloudflare**: This section shows the list of workers. It has a toolbar with various icons for managing workers and routes. Below the toolbar, there's a summary of worker metrics: Overview, Analytics, DNS, SSL/TLS, Firewall, Access, Speed, Caching, Workers, Page Rules, Network, Traffic, Stream, Custom P..., Apps, and Scrape S... . The "Workers" tab is selected.

5. Type `yourdomain.com/*` (or `subdomain.yourdomain.com/*`) if you would like to use a subdomain, or `*yourdomain.com/*` if you would like to enable other all subdomains like www) as the Route and select the Worker you just created



7. Shoot me an email to be featured in the Showcase. I'd love to see some cool sites.
8. I'd appreciate it if you link [Fruition](#) from your website so more people know about it.

Love from Our Users



Hundreds of people have used Fruition. Hear what some have to say.

Wow, just wow. Thank you so much for releasing Fruition - it is an absolute beauty to work with! I especially love the front end to auto-generate the Cloudflare worker script.

- [Conrad Lin on Product Hunt](#)

+1 for Fruition. Free and pretty easy to setup with step by step instructions. 🙌

- [Tim Jeffries on Notion Facebook Group](#)

This is probably the easiest-to-manage website ever. Just open Notion, change stuff, done.

- [Chris Coyier on CSS-Tricks](#)

Kudos to you for releasing this. Particularly the clean URLs.

- [Zee Kane via email](#)

It works flawlessly and it's very easy to set up. I have officially switched from the WordPress pain and it feels liberating.

- [Remgriff Maximus on Reddit](#)

It was so easy to set up a custom domain for my Notion site with Fruition. I tried doing it on my own previously but got stuck since I am not a coder.

- [Vivek Raju via email](#)

holy crap. this is 99% of what i have been looking for.

- [Steve Klabnik via Twitter](#)

Fruition makes Notion pages

That's the main thing I was missing, custom slugs, so if I want to change my system at some point, no links would ever break!

- [Edgaras Benediktavicius on Github](#)

This is by far the best way to add custom domains to your Notion pages and even a solution for creating multi-page websites.

- [Dimitris Kamaritis on YouTube](#)

I've been beta-ing this product for a few days, and it works flawlessly.

- [Matt Green on Product Hunt](#)

such. a. useful. tool. THANK YOU.

- [Devan Sood on Twitter](#)

This is brilliant, took me about 15 minutes to set up and I'm not very techie. Clear and easy to follow step by step instructions.

- [Tracy Algar on Reddit](#)

If you *love* Notion and always wanted to use custom domains with it, you'd normally have to pay upwards of \$50/year. Now you can do it for free.

- [David Miranda on Twitter](#)

Fruition checks EVERY box for trends I'm excited about.

- [Chris Sperandio via Twitter](#)

I've been tempted to migrate

much prettier with custom domains. It's a lot like a starter version of Super, and it's open-source and free to use.

- Product Hunt Newsletter

This is incredibly awesome. I just want this project not to die. That's all. Thank you so much.

- [Nitesh Manav on Product Hunt](#)

I tried it out this week and was so impressed by how simple it was to get started. Give it a try!

- [Notion Experts Newsletter](#)

Making our website in Notion was a breeze with Fruition. It's not often that something is so well documented and works at the first try. Thanks a million!

- Bram Hilgersom via email

Fruition is incredibly sleek. Hell of a job, good work!

- AJ Adams via email

This is some next level wizardry.

- [Pilotboi on Reddit](#)

my personal site over to Notion (with a URL redirect), but this is significantly better. Especially like the pretty URL slugs.

- [Dan Smolkin on Reddit](#)

If you want to set up a quick blog/website, Notion + Fruition is by far the easiest way to go.

- DK on Twitter

Got this working in less than 10 mins. Amazing work!

- [Daniyal Javed Khan on Notion Facebook Group](#)

It saved us so much time to develop something to show others from scratch. Such a godsend, just really wanted to show my appreciation 🙏

- Shawn Cheng via email

You made a really great guide and the auto-generated script was amazing.

- Nathan Brucher via email

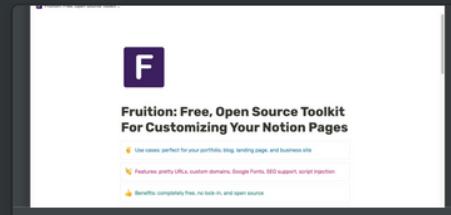
woah this is super cool!

- David Jiang



Built a site with Fruition? [Shoot me an email](#) to be featured in the Showcase.

↗ Showcase



📄 Fruition

landing page

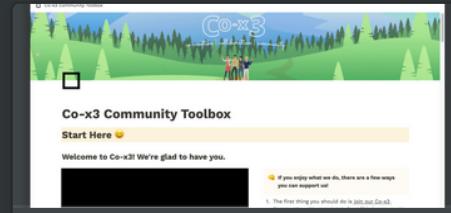
fruitionsite.com



UX Hunting

community resource

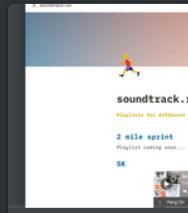
uxhuntingkit.com



Co-x3 Community Toolbox

community resource

notion.conradlin.com



Soundtrack

guide

soundtrack.run



Nicholas Grenié

personal site

nico.lasgrenie.com



Design Tips

guide

designtips.todays



Aaron Wang

personal site

aarontwang.us



Vivek Raju

personal site

vivekraju.in



My GigLoft Experience

landing page

my.gigloft.com

DataCol

community re

datacol.com.m

Andres Urena

personal site

andresurena.com

Remgriff.ro

personal site

remgriff.ro

David's Public Notion

guide

notion.garciadavid.net

webmachines

landing page

webmachines.com

Biblioteca pública

community resource

biblioteca.poligonoboletin.cl

ExploreHere

landing page

explorehere.org

Harsh Moolani

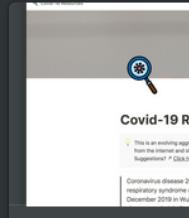
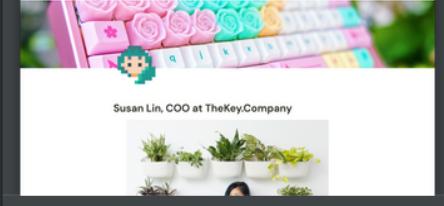
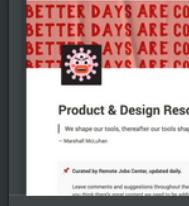
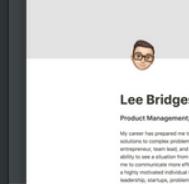
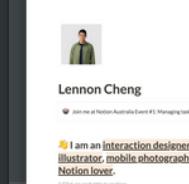
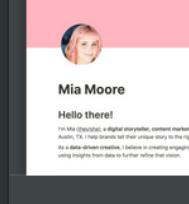
personal site

harshmoolani.com

Shayon Pal

personal site

shayonpal.com

 <p>Road to Ramen personal site roadtoramen.com</p>	 <p>Covid-19 Resources community resources covid-resource.com</p>
 <p>Susan Lin personal site mintlodi.ca</p>	 <p>Product & Design Resources community resources resources.remote-jobs.com</p>
 <p>DSA Magic Girl landing page dsa-magic-girl.com</p>	 <p>Lee Bridges personal site leebridges.com</p>
 <p>Benoit Cotte personal site benoitcotte.com</p>	 <p>Lennon Cheng personal site lennonzf.me</p>
 <p>Ryan Yao's Home personal site ryan-yao.com</p>	 <p>Mia Moore Hello there! personal site mia-moore.com</p>

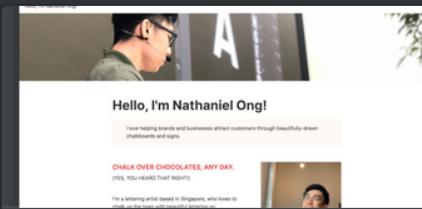
Ryan Yao
personal site
ryanyao.me

Mia Moore
personal site
miamooore.net



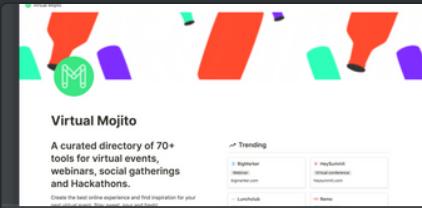
SamadliCom
personal site
samadli.com

TIL in Mobile
guide
til.michaeltiga.com



Nathaniel Ong
personal site
nathanielong.com

KeySpanish
landing page
keyspanish.com



Virtual Mojito
community resource
virtualmojito.com

Notion Recipes
community resource
notionrecipes.com

↓ Load 50 more

FAQs

▼ Is Fruition completely free?

- Yes. It took me a weekend to put this together, and there's no ongoing cost. So I'm more than happy to publish it for free and help out the awesome [Notion community](#).
- You do need to pay your domain registrar for the domain.
- If you get a lot of page views, you also need to pay for Cloudflare Workers which starts at [\\$5/month](#).

▼ My site doesn't work. Please help.

- Please [look for similar issues or file a new one on Github](#).
- I do not have the bandwidth to provide support.

► How did you come up with the idea?

▼ How is Fruition different from Super, HostingPotion, or HostNotion?

- Fruition is free and open source, while Super, HostingPotion, or HostNotion are fully managed. That means I can't help you if Cloudflare goes down. I also can't promise this script will work forever due to reasons outside my control (e.g. Notion changes code that impacts Fruition).
- One feature only Fruition has is pretty URL slugs.

▼ How do I use a subdomain?

- Most steps are the same. The only differences are 1) in step 1.4, add an A record with your subdomain, 2) in step 2, enter your subdomain in the form, 3) in step 3.5, use your subdomain as the route.

▼ How do I make www. work on my domain?

- On step 3.5, add to star in front of the domain route. For example, from `fruitionsite.com/*` to `*fruitionsite.com/*`

▼ Why does the URL flash when I first load the site?

- Good eye! It is an artifact of how custom URL slugs is implemented. As far as I know, there isn't a way around it. If you find one after reading the code, let me know!

▼ Where's the code?

- Here's the [Github repo](#).

► Is it affiliated with Notion?

▼ How can I help? Can I donate?

- Thank you for the offer. I'm lucky to be in a position to provide Fruition completely for free, and I intend to keep it that way. I encourage you to donate to your favorite charity.
- The only thing I'd ask you is to link back to Fruition on your site, so your readers know about this great resource.

Extras

 [Showcase](#)

 [Thanks](#)

 [Roadmap](#)

Fruition: Insider's Look

May 2020 * 730 words * 4 mins read This is the story of how my weekend project got to

 <https://stephenou.com/fruition>