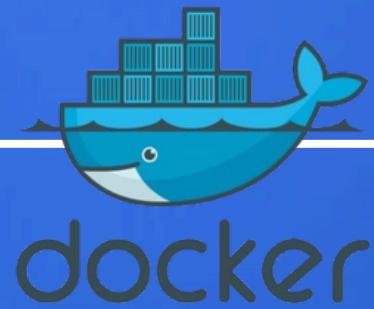
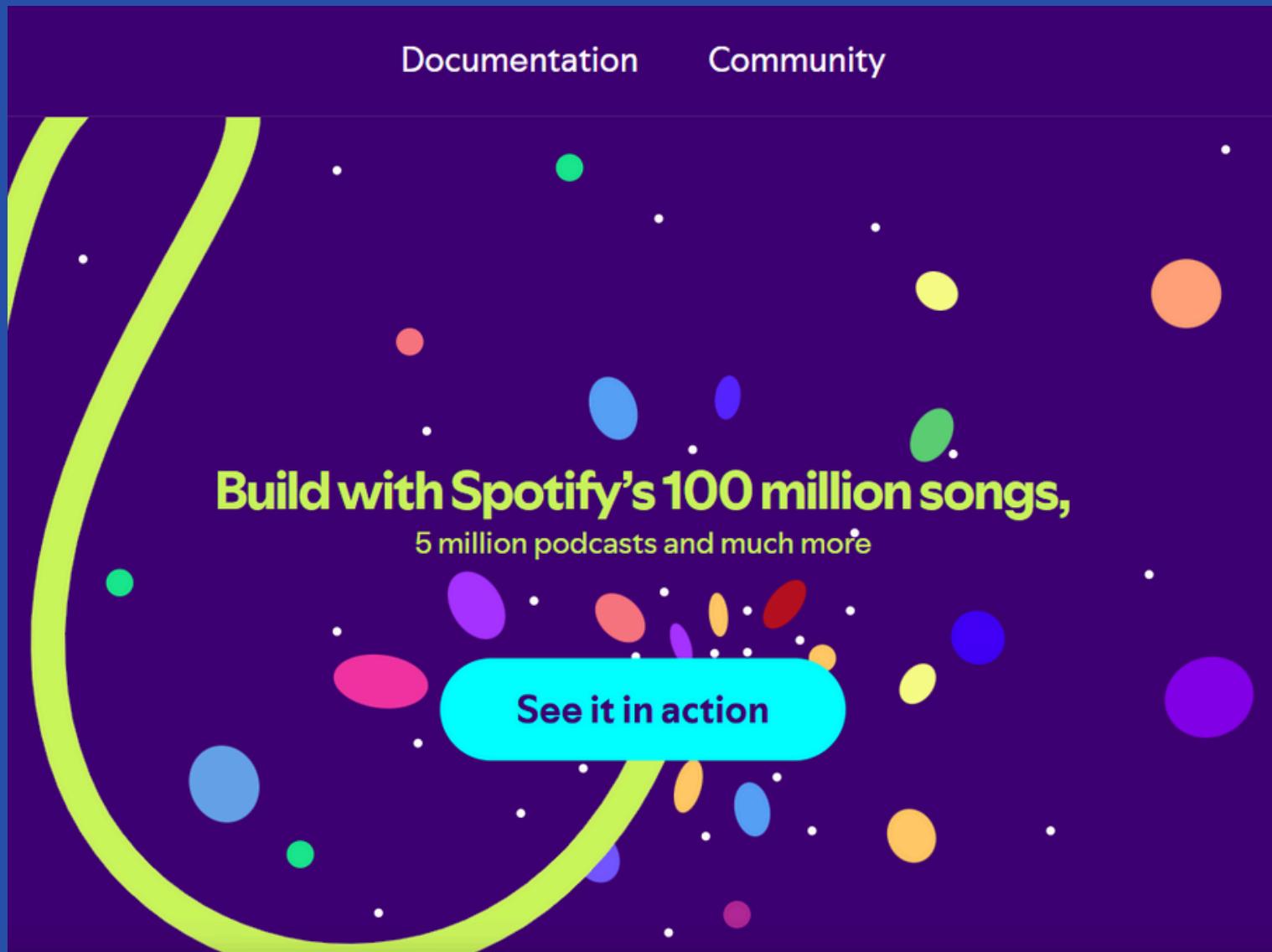


SPOTIFY PLAYLIST AUTOMATION USING TERRAFORM



Spotify

Sign in to Spotify for Developers



Create an App on it

[Documentation](#)[Community](#)[Dashboard](#) > [Create app](#)

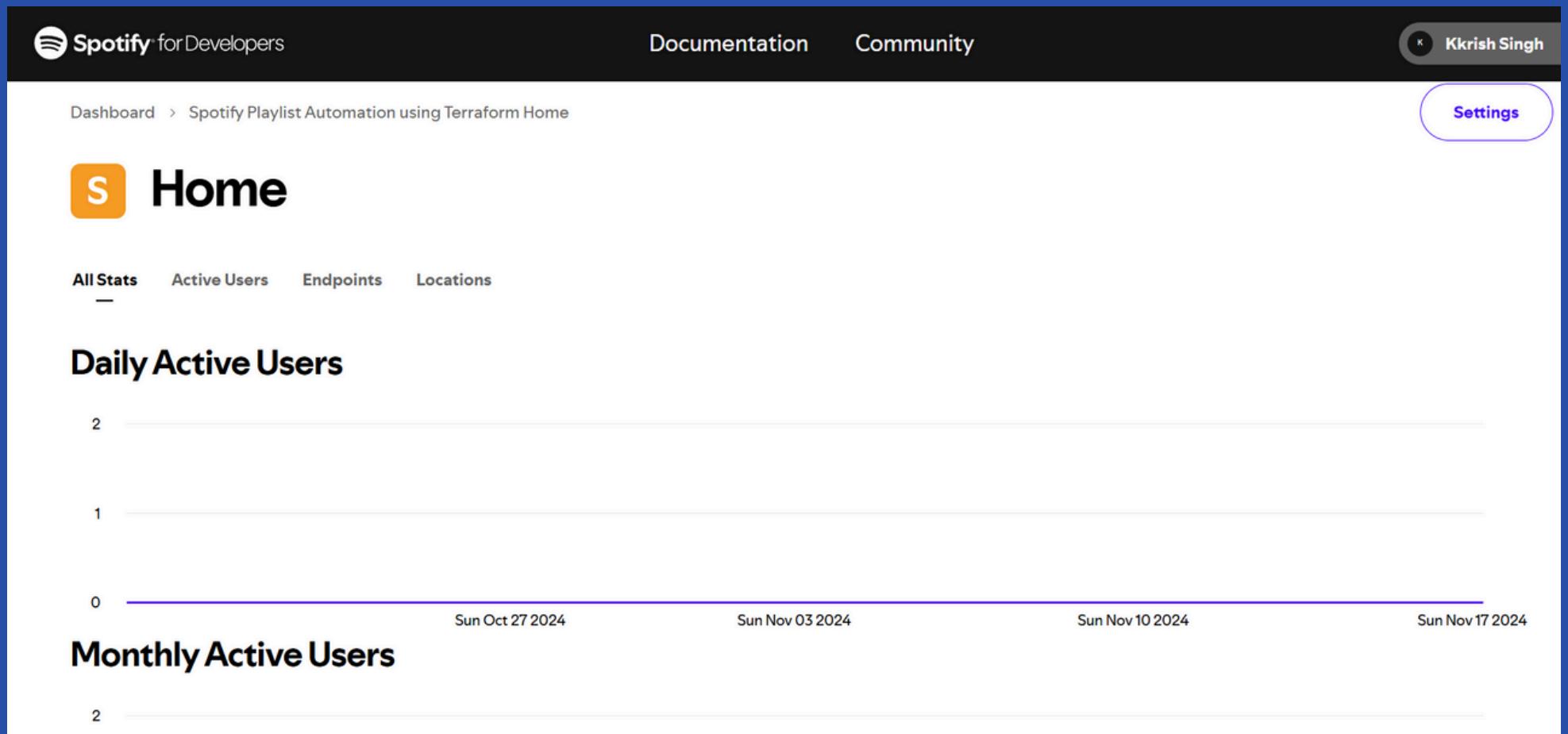
Create app

App name *

Please make sure the name doesn't start with "Spot"

App description ***Website****Callback URL ***

Access spotify client ID and Secret key



Spotify Provider File

```
provider.tf > provider "spotify" > api_key
1  terraform {
2    required_providers {
3      spotify = {
4        source = "conradludgate/spotify"
5        version = "0.2.7"
6      }
7    }
8  }
9
10 provider "spotify" {
11   api_key = ""
12 }
```

Enter Spotify Client Id and Secret Key

```
SPOTIFY_CLIENT_ID=<your_spotify_client_id>
SPOTIFY_CLIENT_SECRET=<your_spotify_client_secret>
```

Run Docker Command

and IoT secure. Learn how MicroK8s
and secure K8s cluster deployment.

etes-at-the-edge

le it please create the

```
sc/Spotify Project# docker run --rm -it -p 27228:27228 --env-file ./envfile gcr.io/conradludgate/spoti
```

Click on a Website URL that is shown after running Docker Command

Allow Spotify to connect to:

Spotify Playlist Automation using Terraform

Kkrish Singh
[Not you?](#)

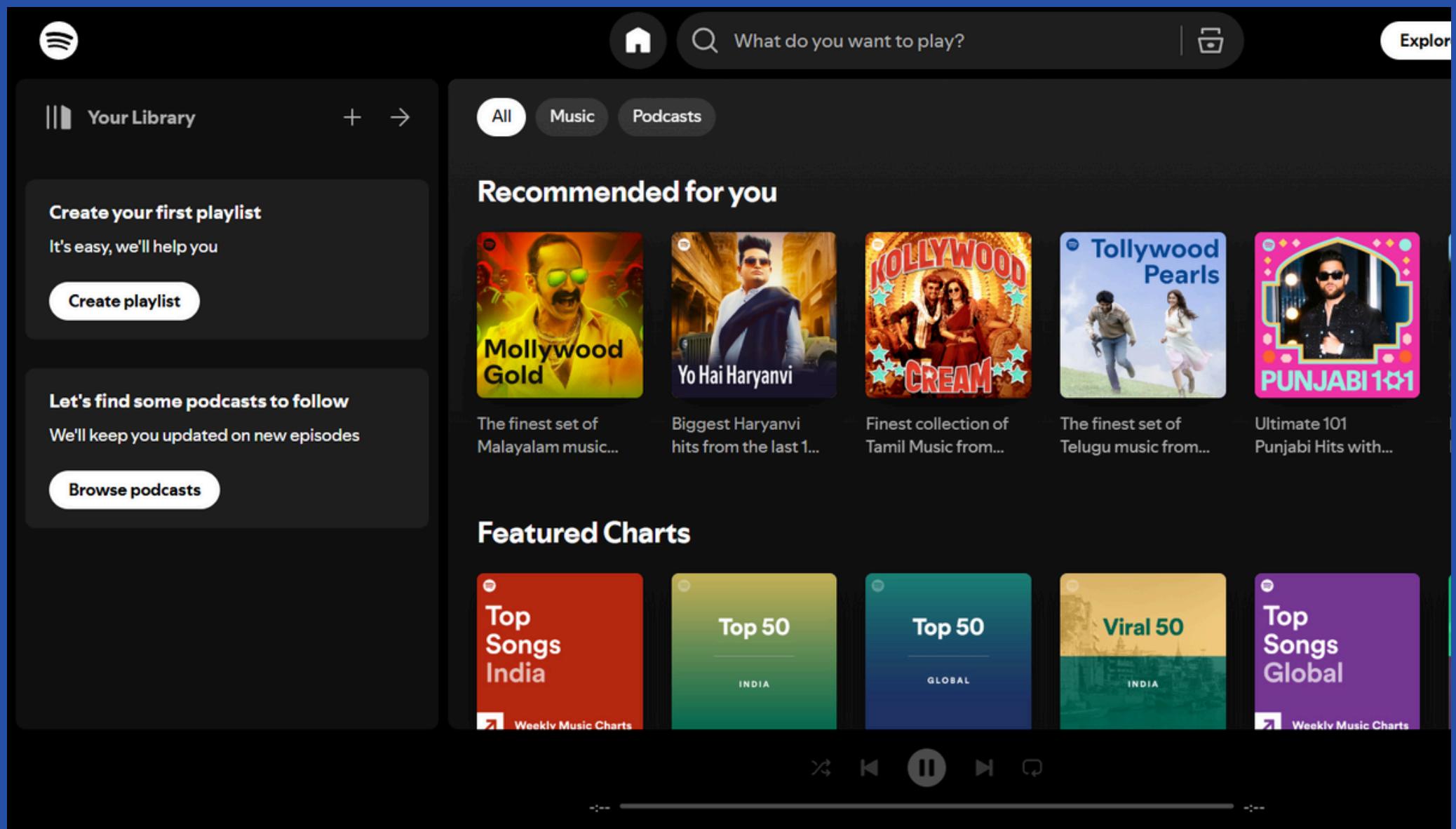
You agree that Spotify Playlist Automation using Terraform will be able to:

-  View your Spotify account data
 - Your email
 - Your Spotify subscription, account country, and explicit content filter settings.
 - Your name, username, profile picture, Spotify followers, and public playlists.
-  View your activity on Spotify
 - What you've saved in Your Library
 - Playlists you've created and playlists you follow
-  Take actions in Spotify on your behalf

Fully Authorized & Successfully running

Authorization successful

Before Terraform Automation



Playlist Creation File

```
playlist.tf > `resource "spotify_playlist" "Bollywood"  
1   resource "spotify_playlist" "Bollywood" {  
2     name          = "kkrish's Bollywood Playlist"  
3     description = "This is created by terraform"  
4  
5     tracks = ["6EivvaEepVTjmDde43eGiB"]  
6 }
```

Initialize Terraform

Terraform has been successfully initialized!

You may now begin working with Terraform. Try running "terraform plan" to see any changes that are required for your infrastructure. All Terraform commands should now work.

If you ever set or change modules or backend configuration for Terraform, rerun this command to reinitialize your working directory. If you forget, other commands will detect it and remind you to do so if necessary.

Apply the Configuration

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

root@LAPTOP-LAKNHJC5:/mnt/c/Users/kkrish/Vsc/Spotify Project# terraform apply -auto-approve

Terraform used the selected providers to generate the following execution plan. Resource act
+ create

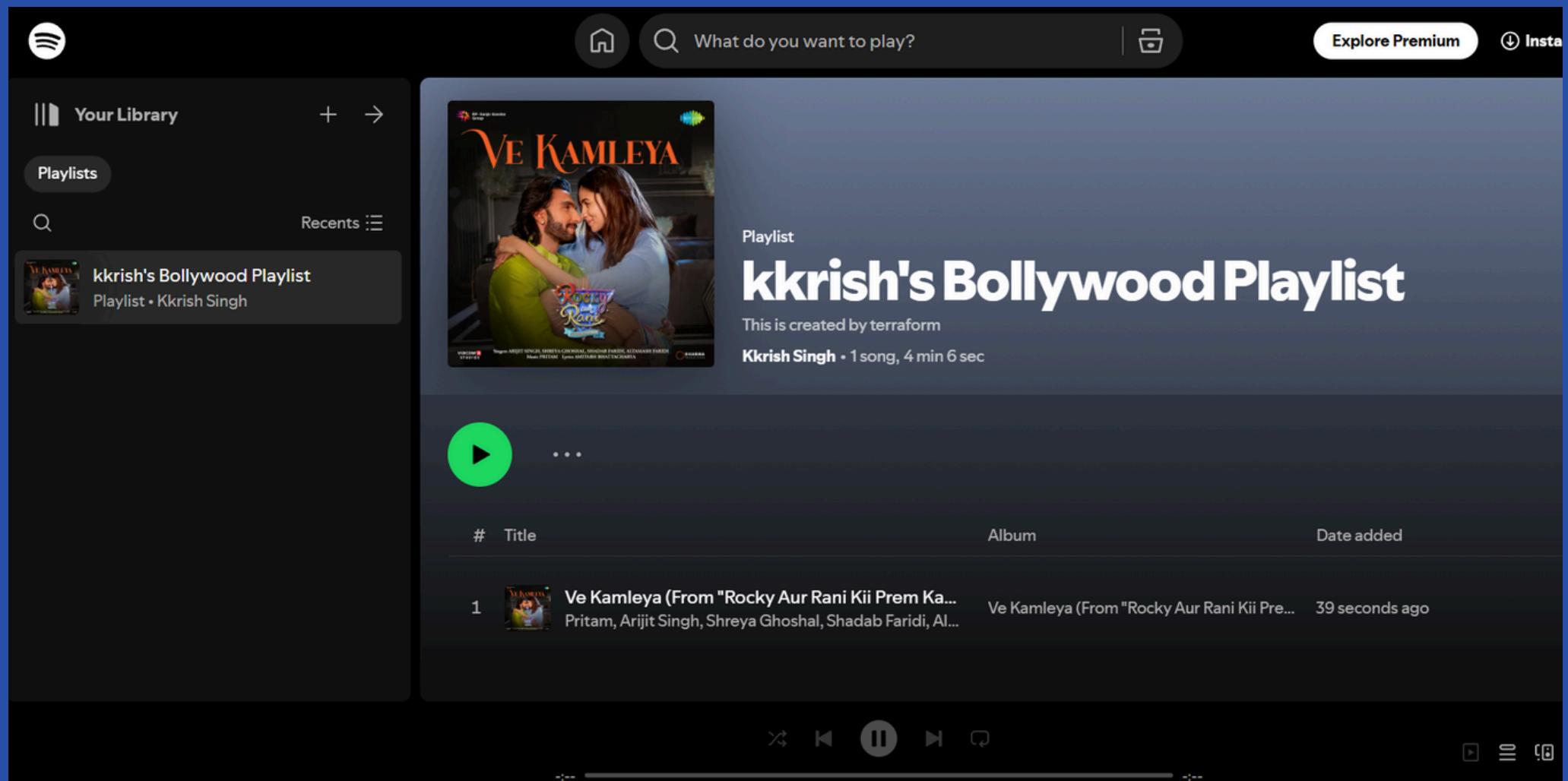
Terraform will perform the following actions:

# spotify_playlist.Bollywood will be created
+ resource "spotify_playlist" "Bollywood" {
    + description = "This is created by terraform"
    + id          = (known after apply)
    + name        = "kkrish's Bollywood Playlist"
    + public       = true
    + snapshot_id = (known after apply)
    + tracks      = [
        + "6EivvaEepVTjmDde43eGiB",
    ]
}

Plan: 1 to add, 0 to change, 0 to destroy.
spotify_playlist.Bollywood: Creating...
spotify_playlist.Bollywood: Creation complete after 2s [id=4UTdRsmGFUVdoDJSFs3vRR]

Apply complete! Resources: 1 added, 0 changed, 0 destroyed.
```

Playlist Created with Terraform



Playlist creation using Data Block

```
1
2
3 data "spotify_search_track" "arijit" {
4   artist = "Arijit Singh"
5 }
6
7 resource "spotify_playlist" "arijit" {
8   name = "Kkrish's Favorite Arijit Singh songs"
9   tracks = [data.spotify_search_track.arijit.tracks[0].id,
10            data.spotify_search_track.arijit.tracks[2].id,
11            data.spotify_search_track.arijit.tracks[3].id]
12 }
```

Apply the Configuration

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
+ public      = true
+ snapshot_id = (known after apply)
+ tracks      = [
    + "3yHyiUDJdz02FZ6jfubsmY",
    + "56zz48jdyY2oDXHVnwg5Di",
    + "5npFBWhVs3wVlc0nY5xQMA",
]
}
```

Plan: 1 to add, 0 to change, 0 to destroy.

spotify_playlist.rijit: Creating...

spotify_playlist.rijit: Creation complete after 1s [id=6sXdhraPiDVC8tax09wbVx]

Apply complete! Resources: 1 added, 0 changed, 0 destroyed.

Playlist Generated using Data block in Terraform

