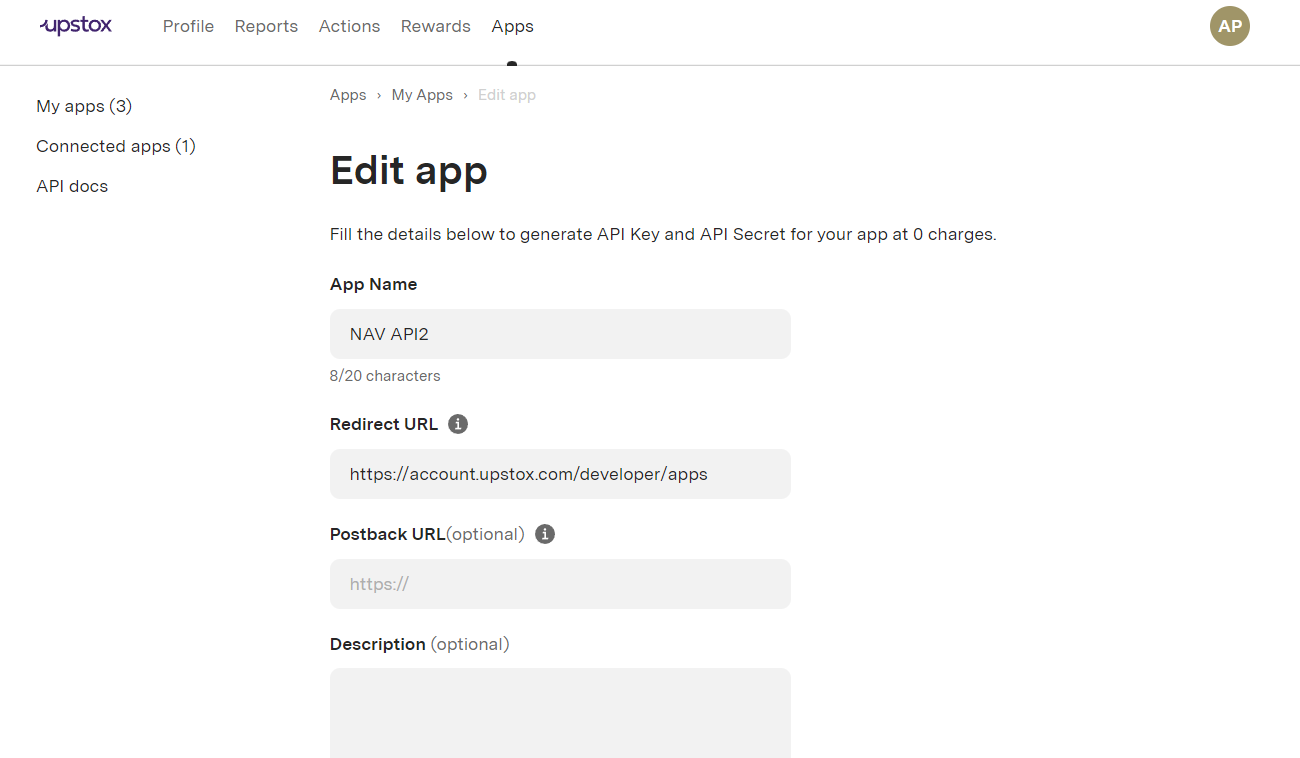
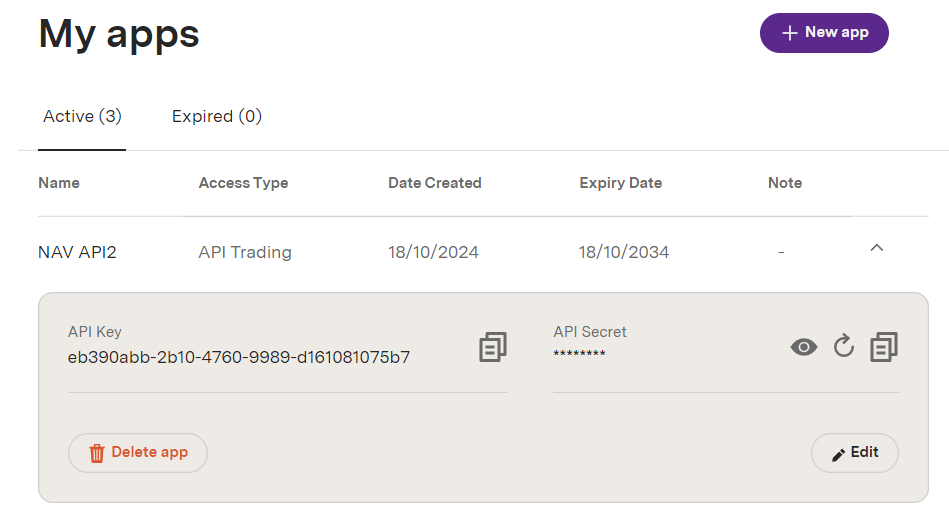
## Create API app in upstox developer portal:

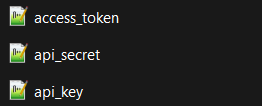
https://account.upstox.com/developer/apps



Copy key & secret to text files:



## Create text files for storing api details:



Run following commands in cmd:

pip install requests

pip install upstox-python-sdk

pip install pandas

## Generate ‘code’ value using below code:

import requests

api\_key=open('api\_key.txt','r').read().strip()

rurl = 'https://127.0.0.1/' # or ‘https://account.upstox.com/developer/apps’

uri = f'https://api.upstox.com/v2/login/authorization/dialog?response\_type=code&client\_id={ api\_key }&redirect\_uri={rurl}'

print(uri)

* Now grab Code from uri:

uri = <https://api.upstox.com/v2/login/authorization/dialog?response_type=code&client_id=5b40e389-d2f7-4000-a57d-453d7d94d856&redirect_uri=https://127.0.0.1/>

redirected to -> <https://127.0.0.1/?code=ok4YyM>

## Now generate ‘access\_token’ using below code:

import requests

api\_key=open('api\_key.txt','r').read().strip()

api\_secret=open('api\_secret.txt','r').read().strip()

uri='https://account.upstox.com/developer/apps'

code='ok4YyM'

url='https://api-v2.upstox.com/login/authorization/token'

headers={

'accept': 'application/json',

'Api-Version': '2.0',

'Content-Type': 'application/x-www-form-urlencoded'

}

data={

'code':code,

'client\_id':api\_key,

'client\_secret':api\_secret,

'redirect\_uri':uri,

'grant\_type':'authorization\_code'

}

response=requests.post(url,headers=headers,data=data)

access\_token=response.json()['access\_token']

print(access\_token,file=open('access\_token.txt','w')) #write access-token to txt file

#print("token: "+access\_token)

## Now create request:

import upstox\_client

instrument\_keys=['NSE\_EQ|INE342T07403','NSE\_EQ|INE342T07445']

access\_token=open('access\_token.txt').read().strip()

# print("token: "+access\_token)

def on\_message(message):

print(message)

def main():

config=upstox\_client.Configuration()

config.access\_token=access\_token

streamer=upstox\_client.MarketDataStreamer(

upstox\_client.ApiClient(config),instrument\_keys,'full')

streamer.on('message',on\_message)

streamer.connect()

if \_\_name\_\_=='\_\_main\_\_':

main()