



Connecting YouTube to N8N

A complete guide to integrating YouTube Data API with your N8N workflows

Created by Chinmay Kaitade | MERN Stack Developer | AI Enthusiast

What You'll Need



Google Cloud Account

Free tier provides everything needed for this integration



N8N Instance

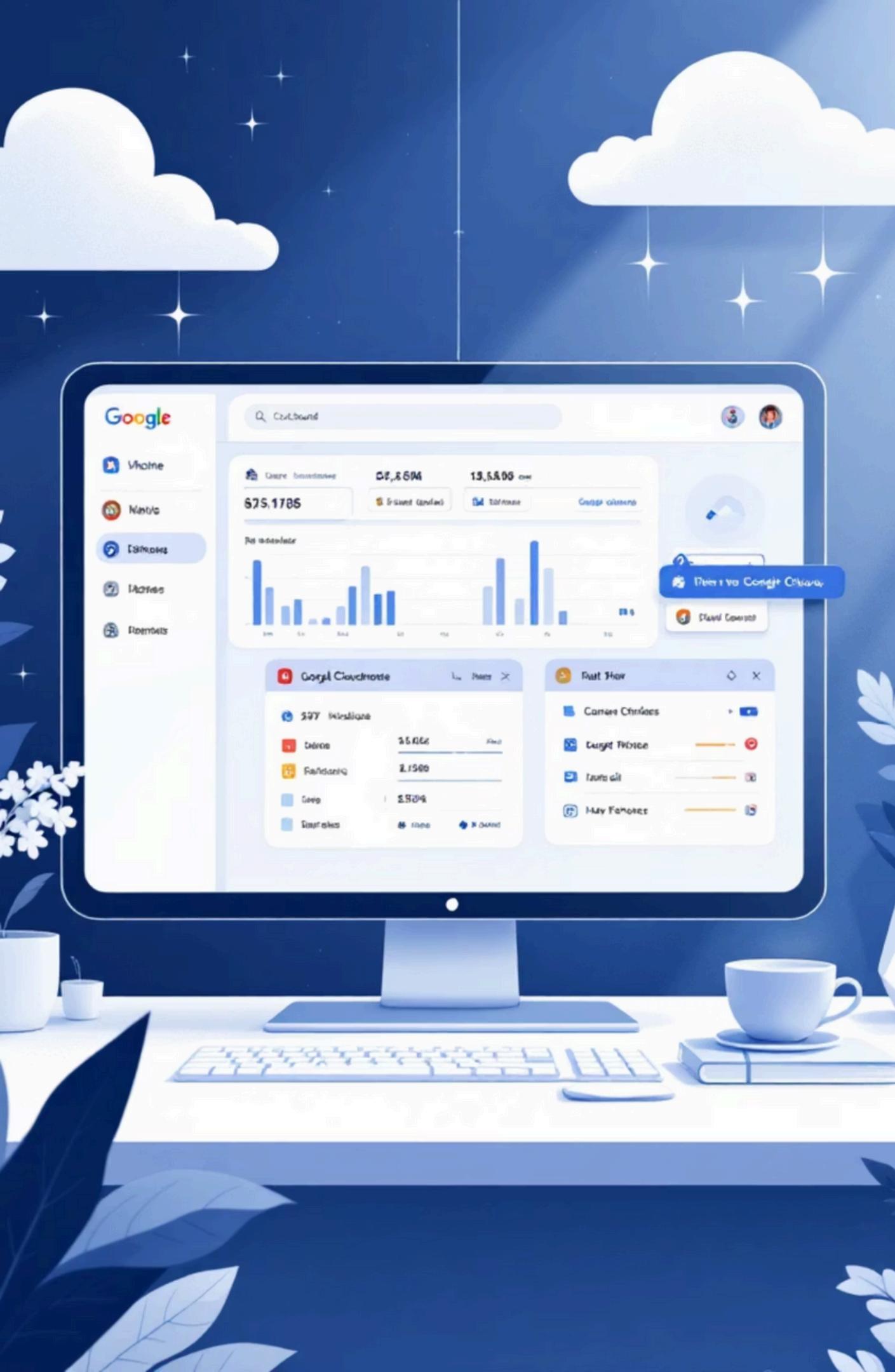
Self-hosted or cloud version with workflow access



OAuth Credentials

Client ID and Secret from Google Cloud Console

This integration allows you to automate YouTube operations like retrieving channel data, managing playlists, and analyzing video metrics directly within your N8N workflows.



Part 1: Google Cloud Setup

The first phase involves configuring your Google Cloud project to enable YouTube API access and generate the necessary OAuth credentials that N8N will use to authenticate.

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Create Your Google Cloud Project

01

Navigate to Console

Open the Google Cloud Console and locate the project dropdown in the top navigation bar

02

Start New Project

Click the dropdown and select "New Project" to begin the creation process

03

Name Your Project

Choose a descriptive name like "N8N YouTube Integration" to identify it easily

04

Confirm Creation

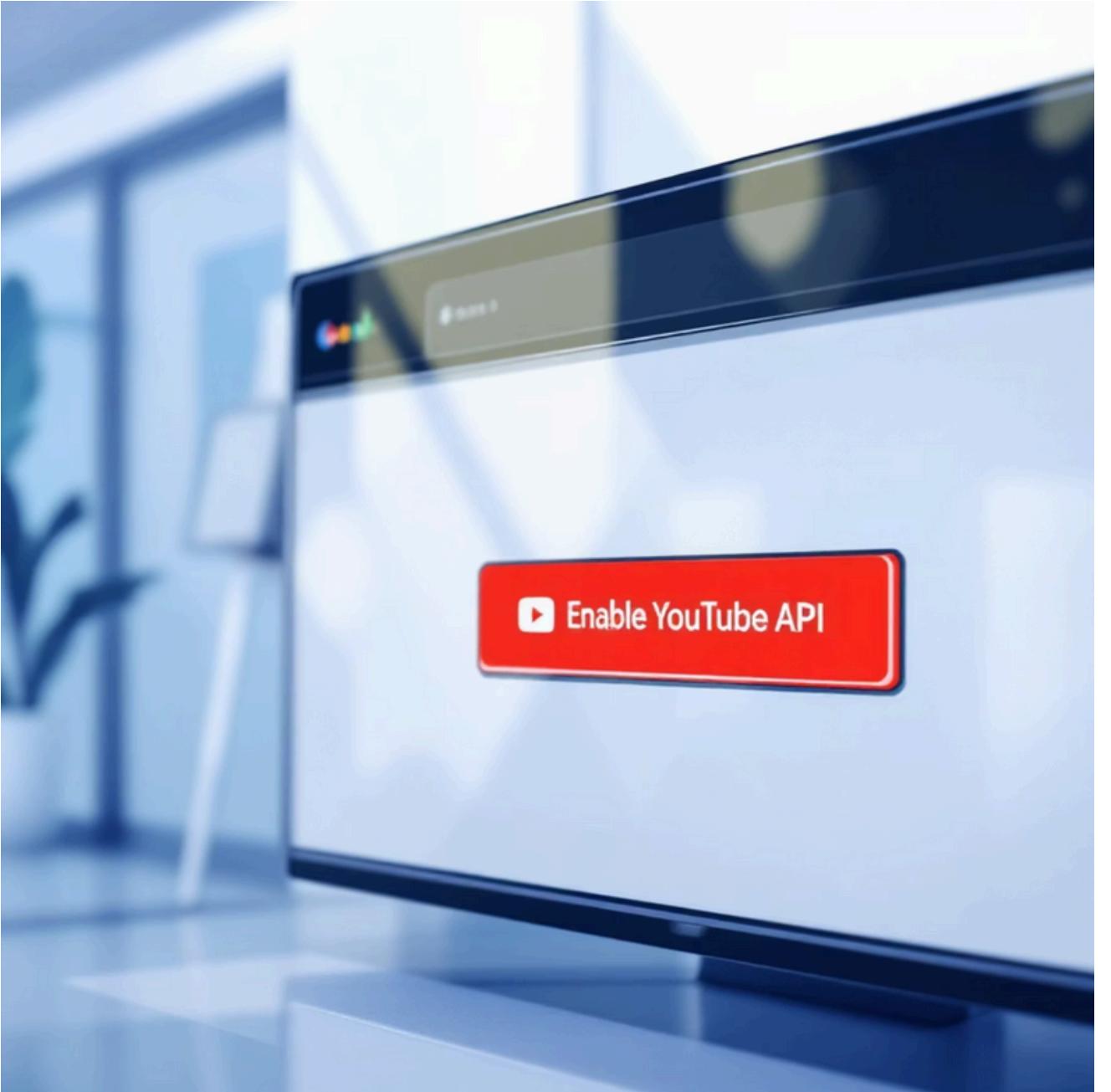
Click "Create" and wait a few moments for Google to provision your new project

Enable YouTube Data API v3

Activation Steps

1. Navigate to the **APIs & Services Dashboard** from the sidebar
1. Click the "**+ Enable APIs and Services**" button at the top
1. Use the search bar to find "**YouTube Data API v3**"
1. Select the API from results and click "**Enable**"

This API provides programmatic access to YouTube data including videos, channels, playlists, and comments. Enabling it is free and takes just seconds.



Configure OAuth Consent Screen



Select User Type

Navigate to OAuth consent screen and choose "**External**" as the User Type



Configure Scopes

Add YouTube scopes like .../auth/youtube.readonly for data access



App Information

Fill in required fields including App name and User support email address

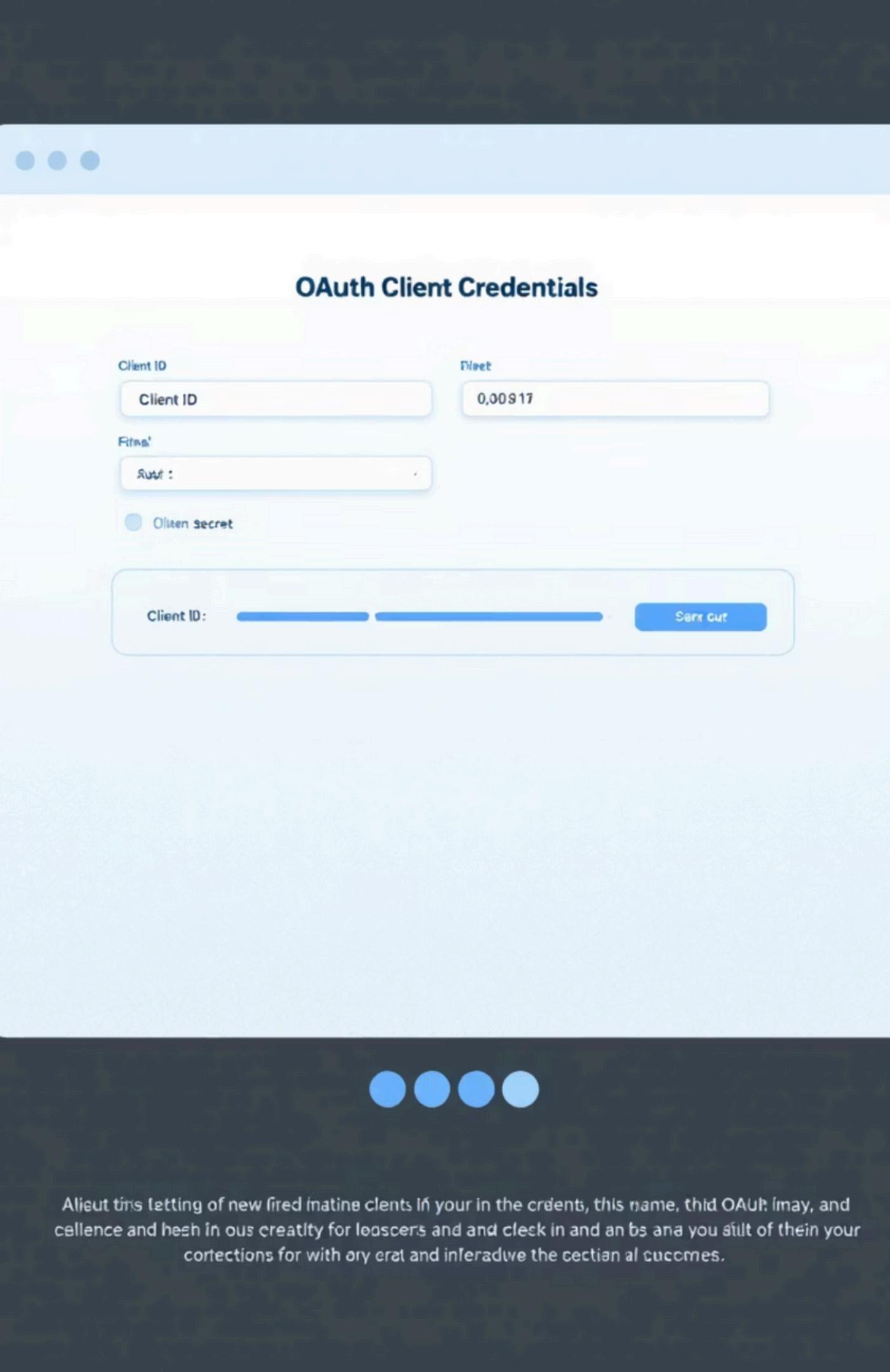


Add Test Users

Include your Google account email as a test user to enable connection

Important: Test users can access your app even while it remains unpublished. This is perfect for personal automation workflows.

Generate OAuth Credentials



Create OAuth Client ID

Go to Credentials → "+ Create Credentials" → select "OAuth client ID"

Choose Web Application

Select "Web application" as the Application type from the dropdown menu

Add Redirect URI

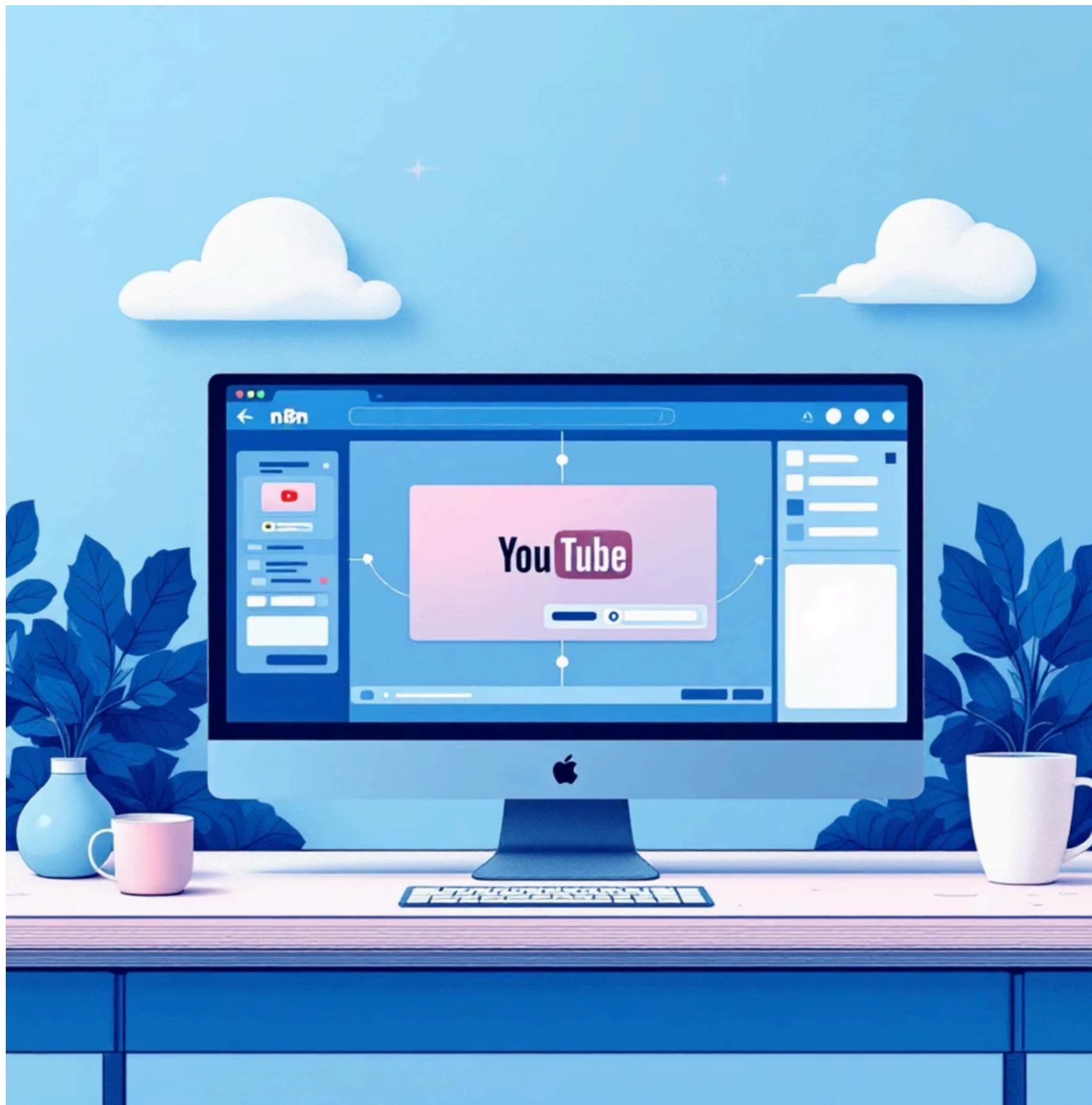
Get the callback URL from N8N's YouTube credential screen and paste it in "Authorized redirect URLs"

Copy Credentials

Save your **Client ID** and **Client Secret** — you'll need these for N8N setup

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Part 2: N8N Configuration



Connect Your Credentials

Now that you have your Google Cloud credentials, it's time to configure the YouTube node in N8N and establish the connection.

1. Add a YouTube node to your workflow
1. Click "New Credential" in the credential field
1. Select "Authorization Code" as OAuth2 Grant Type
1. Paste your Client ID and Client Secret
1. Click "Connect" to authorize access

Troubleshooting: Access Blocked Error

1

Why This Happens

Google blocks unverified apps by default. Your app needs test users added to bypass this security measure.

2

Quick Fix Solution

Return to Google Cloud Console → OAuth consent screen → scroll to "Test users" section.

3

Add Your Email

Click "Add users" and enter the exact email address you're using to connect from N8N.

4

Retry Connection

Go back to N8N and attempt the authorization again. The error should now be resolved.

For a detailed video walkthrough of fixing this error, check out: [Fixing Google API Access Blocked Error: n8n](#)

Let's Connect!

Thank you for following this guide. I share my AI and development journey daily — follow along and feel free to reach out with questions!



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