



# Integrating External API Credentials with N8N Workflows

## Overview:

This SOP outlines the complete process for retrieving and configuring API credentials from major platforms (Google, Facebook, OpenAI, Together AI, Notion, and ImgBB) to use within N8N workflows. By following this guide, users will be able to securely obtain access tokens, client secrets, and other required credentials, connect them to N8N, and enable seamless interaction with external services. The final outcome will be fully functional API integrations within N8N workflows.

## Step-by-Step Guide:

### 1. Get Google API Credentials

- a. Go to Google Cloud Console: <https://console.cloud.google.com>
- b. Create a new project.
- c. Navigate to [APIs & Services > OAuth consent screen](#) .
- d. Select "External" and fill out the required app information.
- e. Go to [Credentials](#) and click "Create Credentials > OAuth Client ID".
- f. Choose "Web Application", enter a name, and set the authorized redirect URI from N8N.
- g. Copy the generated [Client ID](#) and [Client Secret](#) .
- h. Add yourself as a test user.
- i. Enable required APIs (e.g., Google Sheets, Drive, Docs, Gmail).
- j. Save [Client ID](#) and [Client Secret](#) in N8N credentials.
- k. Authenticate in N8N via "Sign in with Google" to get refresh token.

- l. Authorization URL: <https://accounts.google.com/o/oauth2/auth>
- m. Access Token URL: <https://oauth2.googleapis.com/token>
- n. Refresh token : access\_type=offline&prompt=consent

## 2. Get Facebook API Access Token

- a. Visit <https://developers.facebook.com/> and log in.
- b. Create a new app under "My Apps".
- c. Choose "Other" use case and complete form details.
- d. Add "Facebook Login for Business" product.
- e. Go to [Basic Settings](#) and provide a valid privacy policy URL.
- f. Switch the app to Live mode.
- g. Use Graph API Explorer to generate a user access token with required permissions.
- h. Use the Access Token Debugger to extend the token's lifetime.
- i. Copy the long-lived token into N8N credentials.

## 3. Get OpenAI API Key

- a. Go to <https://platform.openai.com> and sign up/log in.
- b. Navigate to API Keys and generate a new key.
- c. Copy and save the API key.
- d. Paste the key into N8N under OpenAI credentials.

## 4. Get Together AI API Key

- a. Sign up at <https://www.together.ai>.
- b. Copy the API key provided upon login.
- c. Use Together AI documentation to copy sample curl commands.
- d. In N8N, use an HTTP Request node, select "Import curl", and paste your curl.
- e. Replace the placeholder token with your API key.

## 5. Get Notion API Key

- a. Go to <https://www.notion.so/my-integrations> and create a new integration.

- b. Assign a name and select workspace.
- c. Save the generated internal integration token.
- d. In Connections - connect your integration with this page.
- e. Share your Notion page/database with the integration.
- f. Paste the integration token into N8N credentials.

## 6. Get ImgBB API Key

- a. Sign up at <https://imgbb.com>
- b. Go to API page and generate your API key.
- c. Use the provided curl example for image upload.
- d. In N8N, use "Import curl" in HTTP Request and modify with your image and key.
- e. Use resulting public image URL in Notion, Facebook, etc.

### Warnings and Notes:

- Always ensure redirect URIs match exactly when configuring OAuth to avoid callback errors.
- Store API keys and tokens securely. Do not expose them in public repositories.
- Refresh tokens allow long-term access. Make sure to use `access_type=offline` and `prompt=consent` in your OAuth config.
- Facebook tokens expire quickly unless extended manually.
- Some Together AI models are rate-limited. Avoid excessive requests.
- For Notion, you must explicitly share the target page/database with your integration.

### Visual Diagram:

flowchart TD

```
A[Create Google Cloud Project] → B[Configure OAuth Consent Screen]
B → C[Create OAuth Client ID]
C → D[Enable Google APIs]
D → E[Add to N8N Credentials]
E → F[Authenticate via Google]
```

G[Create Facebook App] → H[Setup Login & Privacy Policy]  
H → I[Make App Live & Add Permissions]  
I → J[Generate & Extend Access Token]  
J → K[Add to N8N Credentials]

L[Sign Up on OpenAI] → M[Generate API Key]  
M → N[Paste into N8N]

O[Sign Up on Together AI] → P[Copy API Key]  
P → Q[Import curl into HTTP Request]  
Q → R[Add Key & Configure JSON Payload]

S[Create Notion Integration] → T[Share Page with Integration]  
T → U[Save Integration Token in N8N]

V[Create ImgBB Account] → W[Generate API Key]  
W → X[Use curl in HTTP Request for Upload]  
X → Y[Use Public Image URL in Workflows]