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## Prompts & Links - Image to Talking Person Video with n8n (Step-by-Step + No-Code)

(Follow the instructions in this video: <https://youtu.be/MW-Zv2maQPU> )

### **Templates:**

**AI Automation Template for Instant Setup**

<https://fabimarkl.com/automation-templates/#image-video>

**Google Sheet Template (must follow YT tutorial for correct setup):**

[https://docs.google.com/spreadsheets/d/1y55CrycK\\_-U8xMBn9fzy35MWqm88TSCrIejhxGkoLVY/copy](https://docs.google.com/spreadsheets/d/1y55CrycK_-U8xMBn9fzy35MWqm88TSCrIejhxGkoLVY/copy)

### **Links:**

**Free Trial for N8N Account:**

<https://n8n.io/>

**Download Telegram App:**

<https://telegram.org/>

**Get API Key for OpenAI:**

<https://platform.openai.com/>

**Setup PiAPI Account:**

<https://piapi.ai>

**Setup Cloudinary Account**

[https://cloudinary.com/users/register\\_free](https://cloudinary.com/users/register_free)

**Setup Elevenlabs Account:**

<https://elevenlabs.io/>

**Setup JSON2Video Account:**

<https://json2video.com/>

**Setup Zapier Account:**

<https://zapier.com/>

**Setup Buffer Account:**

<https://buffer.com/>

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## Split Function

```
const input = $('Telegram Trigger').first().json.message.caption;

// Remove "Generate video" from the start (case-insensitive)
const cleaned = input.replace(/^generate video/i, '').trim();

// Split at the first comma
const [videoPrompt, captionIdea] = cleaned.split(/,(.+)/).map(s => s.trim());

return [
  {
    json: {
      videoPrompt,
      captionIdea
    }
  }
];
```

## VideoID Function

```
function generateRandomCode(length = 20) {
  const chars =
    'ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789';
  let result = '';
  for (let i = 0; i < length; i++) {
    result += chars[Math.floor(Math.random() * chars.length)];
  }
  return result;
}

return [
  {
    json: {
      code: generateRandomCode()
    }
  }
];
```

## HTTP Request Get Image

```
https://api.telegram.org/file/botYOUR_TOKEN/{{
  $('Telegram').item.json.result.file_path }}
```

## HTTP Request Upload Image

`https://api.cloudinary.com/v1_1/INSERT_CLOUDINARY_ID/image/upload`

## HTTP Generate Video JSON

```
{
  "model": "kling",
  "task_type": "video_generation",
  "input": {
    "prompt": "{{ $('Split').item.json.videoPrompt }}",
    "image_url": "{{ $json.secure_url }}",
    "negative_prompt": "",
    "cfg_scale": 0.5,
    "duration": 5,
    "version": "1.6",
    "camera_control": {
      "type": "simple",
      "config": {
        "horizontal": 0,
        "vertical": 0,
        "pan": 0,
        "tilt": 0,
        "roll": 0,
        "zoom": 0
      }
    },
    "mode": "std"
  },
  "config": {
    "service_mode": "",
    "webhook_config": {
      "endpoint": "",
      "secret": ""
    }
  }
}
```

## OpenAI Generate Voice Script

You are an expert copywriter for short-form social videos.

Your task is to write two types of texts:

1) Voice Over:

Generate a text over the voice over for a video. Your text must be 13 words. Make it sound the person would actually say this so it should be from first person perspective and using words that seem to be spoken.

This is the voice over topic:

```
{{ $('Split').item.json.captionIdea }}
```

#Rule: Give me only the raw voice over script without any introductions like "Here' is your voice over script." and do not use apostrophes like this " in the output.

2) Compelling hook:

**\*\*one short, insanley curiosity invoking open loop type text line\*\*** for a vertical video. These will be used as text overlays (top and bottom) in the video. Should have exactly 40 Characters.

This is the hook topic:

```
{{ $('Split').first().json.captionIdea }}
```

Model this example as exact as possible including "... " end:  
I broke up with ChatGPT, this AI "gets me" much better...



Rules to deliver the output:

- Do NOT return anything except:

script: SCRIPT TEXT

hook: HOOK TEXT

- No quotes, no brackets, no emojis
- Avoid hashtags, titles, or introductions

## Split Voice and Hook:

```
const aiOutput = $input.first().json.message.content; // or  
wherever your AI response is
```

```
const lines = aiOutput.split('\n').map(l => l.trim());  
let script = "";  
let hook = "";
```

```
for (const line of lines) {  
  if (line.toLowerCase().startsWith("script:")) {  
    script = line.replace(/^script:\s*/i, '').trim();  
  } else if (line.toLowerCase().startsWith("hook:")) {  
    hook = line.replace(/^hook:\s*/i, '').trim();  
  }  
}
```

```

    }
}

return [
  {
    json: {
      script,
      hook
    }
  }
];

```

## Generate Voice Elevenlabs

<https://api.elevenlabs.io/v1/text-to-speech/VOICEID>

xi-api-key

Content-Type

application/json

```

{
  "text": "{{ $json.script }}",
  "model_id": "eleven_multilingual_v2",
  "voice_settings": {
    "stability": 0.5,
    "similarity_boost": 0.9
  }
}

```

## Upload Voice HTTP Request:

[https://api.cloudinary.com/v1\\_1/CLOUDINARY\\_ID/auto/upload](https://api.cloudinary.com/v1_1/CLOUDINARY_ID/auto/upload)

## Generate Lipsync HTTP Request:

```

{
  "model": "kling",
  "task_type": "lip_sync",
  "input": {
    "origin_task_id": "{{ $('Generate Video').item.json.data.task_id }}",
    "local_dubbing_url": "{{ $json.url }}"
  }
}

```

## JSON2Video Credentials:

```
{
  "headers": {
    "x-api-key": "INSERT_YOUR_API"
  }
}
```

## Add Captions to Video (<https://api.json2video.com/v2/movies>):

```
{
  "id": "qbaasr7s",
  "resolution": "instagram-story",
  "quality": "high",
  "scenes": [
    {
      "id": "qyjh9lwj",
      "comment": "Scene 1",
      "elements": []
    }
  ],
  "elements": [
    {
      "id": "q6dznzcv",
      "type": "video",
      "src": "{{
$json.data.output.works[0].video.resource_without_watermark }}",
      "resize": "cover"
    },
    {
      "id": "top-text",
      "type": "text",
      "text": "{{ $('Wait1').item.json.hook }}",
      "settings": {
        "font-family": "Libre Baskerville",
        "font-size": "60px",
        "color": "#000000",
        "background-color": "#FFFFFF",
        "horizontal-position": "center",
        "vertical-position": "top",
        "margin-top": "50px",
        "word-break": "break-word",
        "overflow-wrap": "break-word",
        "font-weight": "normal",
```

```

        "text-align": "center",
        "width": "80%",
        "padding": "0",
        "line-height": "1",
        "margin": "50px 0 0 0"
    }
},
{
    "id": "q41n9kxp",
    "type": "subtitles",
    "settings": {
        "style": "classic-progressive",
        "position": "bottom",
        "font-family": "Oswald",
        "font-size": 150,
        "word-color": "#ffd700",
        "shadow-color": "#260B1B",
        "line-color": "#F1E7F4",
        "shadow-offset": 0,
        "box-color": "#260B1B",
        "outline-color": "#000000",
        "outline-width": 8
    },
    "language": "en"
}
]
}

```

### Get video:

`https://api.json2video.com/v2/movies?id={{ $json.project }}`

### Generate Social Media Captions Prompt:

Write a short social media caption based on this voiceover:

```
{{ $('Split').first().json.captionIdea }}
```

Make it actionable, but not sound generic or motivational. Maybe some highly specific tips, or a problem along with a solution. and add 2 relevant hashtags. And only one sentence per line and empty line between each sentence. Then encourage to comment with a keyword if they want to get the real solution.

### Telegram Response:

Here's your scheduled video:

-----

Caption Text: {{ \$json['Caption Text'] }}

-----

Video Link: {{ \$json['Video URL'] }}

# Cost Breakdown

Monthly Video Automation Cost Breakdown

| Tool                       | 30 Videos (1 Platform) | 30 Videos (3 Platforms) | 90 Videos (1 Platform) | 90 Videos (3 Platforms) | 150 Videos (1 Platform) | 150 Videos (3 Platforms) |
|----------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|
| KlingAI API                | \$15.60                | \$15.60                 | \$46.80                | \$46.80                 | \$78.00                 | \$78.00                  |
| KlingAI Libsync            | \$6.00                 | \$6.00                  | \$18.00                | \$18.00                 | \$30.00                 | \$30.00                  |
| OpenAI                     | \$0.05                 | \$0.05                  | \$0.16                 | \$0.16                  | \$0.27                  | \$0.27                   |
| Cloudinary (Free Plan)     | \$0.00                 | \$0.00                  | \$0.00                 | \$0.00                  | \$0.00                  | \$0.00                   |
| Json2Video                 | \$2.08                 | \$2.08                  | \$6.24                 | \$6.24                  | \$10.41                 | \$10.41                  |
| Zapier                     | \$0.00                 | \$28.17                 | \$28.17                | \$28.17                 | \$28.17                 | \$97.23                  |
| Buffer                     | \$6.00                 | \$6.00                  | \$6.00                 | \$6.00                  | \$6.00                  | \$6.00                   |
| n8n                        | \$24.00                | \$24.00                 | \$24.00                | \$24.00                 | \$24.00                 | \$24.00                  |
| ElevenLabs Voice Generator | \$0.00                 | \$0.00                  | \$5.00                 | \$5.00                  | \$5.00                  | \$5.00                   |
| Total                      | \$53.73                | \$81.90                 | \$134.37               | \$134.37                | \$181.85                | \$250.91                 |
| Cost Per Video             | \$1.79                 | \$2.73                  | \$1.49                 | \$1.49                  | \$1.21                  | \$1.67                   |

Budget Monthly Video Automation Cost Breakdown

| Tool/Service                   | 30 Videos (1P) | 30 Videos (3P) | 90 Videos (1P) | 90 Videos (3P) | 150 Videos (1P) | 150 Videos (3P) |
|--------------------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
| KlingAI API (\$0.52/video)     | \$15.60        | \$15.60        | \$46.80        | \$46.80        | \$78.00         | \$78.00         |
| KlingAI Libsync (\$0.20/video) | \$6.00         | \$6.00         | \$18.00        | \$18.00        | \$30.00         | \$30.00         |
| OpenAI                         | \$0.05         | \$0.05         | \$0.16         | \$0.16         | \$0.27          | \$0.27          |
| Json2Video                     | \$2.08         | \$2.08         | \$6.24         | \$6.24         | \$10.41         | \$10.41         |
| ElevenLabs Voice               | \$0.00         | \$0.00         | \$5.00         | \$5.00         | \$5.00          | \$5.00          |
| n8n (Webapp)                   | \$24.00        | \$24.00        | \$24.00        | \$24.00        | \$24.00         | \$24.00         |
| n8n (Self-hosted)              | \$0.00         | \$0.00         | \$0.00         | \$0.00         | \$0.00          | \$0.00          |
| Total (with n8n Webapp)        | \$47.73        | \$47.73        | \$100.20       | \$100.20       | \$147.68        | \$147.68        |
| Total (with n8n Self-hosted)   | \$23.73        | \$23.73        | \$76.20        | \$76.20        | \$123.68        | \$123.68        |
| Cost/Vid (Webapp)              | \$1.59         | \$1.59         | \$1.11         | \$1.11         | \$0.98          | \$0.98          |
| Cost/Vid (Self-hosted)         | \$0.79         | \$0.79         | \$0.85         | \$0.85         | \$0.82          | \$0.82          |