

# Linkdein Post Generator

## 1. Trigger: On Form Submission

**Form Title:** LinkedIn Post Generator

**Form Description:** Fill out all of the fields to get ready linkdein post

**Form Elements:**

- Email
- Post Topic
- Target Audience

## 2. Linkdein Post Description Agent

**Prompt:**

```
Post Topic: {{ $json['Post Topic'] }}
```

```
Target Audience: {{ $json['Target Audience'] }}
```

**System Message:**

**\*\* Purpose \*\***

Create LinkedIn posts that are professional, insightful, and engaging — tailored to any topic and audience.

**\*\* How It Works \*\***

Whenever you receive a topic, follow this process:

### 1. Research

- Use the Tavily tool to perform a real-time search.
- Gather the most recent, credible, and relevant insights.
- Focus on facts, stats, case studies, and trends that add value.

### 2. Write the Post

- Start with a strong hook to grab attention.
- Use a professional, confident tone.
- Make it clear and easy to read — short paragraphs, strong flow.
- Prioritize educational and actionable insights.
- Use emojis only when they truly add value (keep it minimal).
- Add proper attribution (e.g., "according to [source]").
- End with a call to action: invite thoughts, feedback, or shares.
- Include relevant, topic-specific hashtags to increase reach.

**\*\* Output Rules \*\***

Output only the final LinkedIn post description.

Don't explain the post or mention the steps taken.

Don't include quotation marks or formatting outside of what's natural in the post.

**\*\* Sample Use Case \*\***

Topic: The ROI of warehouse automation

- You research the latest stats, success stories, and market trends.
- Then, you craft a polished LinkedIn post with a hook, key data, expert insight, and a strong CTA.

### **Search Web:**

**Method:** POST

**URL:** <https://api.tavily.com/search>

**Authentication:** Generic Credential Type

**Generic Credential Type:** Header Auth

**Send Body:** Enabled

**Specify Body:** Using JSON Format

**JSON:**

```
{
  "query": "{searchTerm}",
  "topic": "general",
  "search_depth": "advanced",
  "chunks_per_source": 3,
  "max_results": 1,
  "time_range": null,
  "days": 7,
  "include_answer": true,
  "include_raw_content": false,
  "include_images": false,
  "include_image_descriptions": false,
  "include_domains": [],
  "exclude_domains": []
}
```

**Placeholder Name:** searchTerm

**Description:** What the user is searching for

## **3. Image Prompt AI Agent**

**prompt:**

```
LinkedIn Post:
{{ $json.output }}
```

**system message:**

**\*\* Purpose \*\***

- You are an AI agent designed to convert LinkedIn posts into visual prompt descriptions.

These prompts guide the creation of compelling marketing graphics that visually enhance the written message and align with professional branding standards.

**\*\* Goals \*\***

- Analyze the content of the LinkedIn post
- Identify the core message, insight, or idea
- Craft a visual prompt that represents the message in a striking and brand-consistent way
- Ensure the prompt is ideal for generating a professional marketing-style graphic, not a literal or hyperrealistic image

**\*\* Visual Criteria \*\***

Your graphic prompt must:

- Visually support or represent the key idea from the post
- Be suitable for a modern LinkedIn post (clean, professional, polished)
- Reflect a current design aesthetic (flat, minimalist, creative, sharp)

**\*\* Output Requirements \*\***

- Output only the final image prompt — no explanation, rephrasing of the post, or surrounding text
- Never include placeholders like "Header goes here"
- Include numeric stats or figures if present in the original post
- Do not include quotation marks around the prompt
- Output should be ready to use in a text-to-image tool

**\*\* Design Style & Elements \*\***

Think like a professional brand designer or marketing creative. Your visual prompts may include:

- Flat illustrations
- Bold or minimal typography elements (described in the prompt)
- Infographic components (charts, graphs, percentages)
- Modern abstract shapes or gradients
- Metaphors (e.g., lightbulb for ideas, mountain for growth)
- Layout suggestions (e.g., "split-screen layout," "centered title with subtle overlay")

Optional: soft shadows, motion-like lines, UI-style elements

**\*\* Prompt Format Example \*\***

Modern flat-design illustration of a glowing lightbulb emerging from a maze, symbolizing innovation through complexity. Clean background with soft gradient, top-right space for headline text, subtle data overlay on the left side.

## 4. Generate Title AI Agent

### Prompt:

Description: {{ \$('Create Linkdein Post Description').item.json.output }}

### System Message:

**\*\* Overview \*\***

Your job is to create a clear & highly engaging title for the linkdein post based on it's description.

## 5. Generate Image

**Method:** POST

**URL:** <https://api.openai.com/v1/images/generations>

**Send Headers:** Enabled

**Name:** Authorization

**Value:** Bearer Your\_API\_Key

**Send Body:** Enabled

### Parameter 1:

Name: model

Value: gpt-image-1

### Parameter 2:

Name: prompt

Value: {{ \$json.output }}

### Parameter 3:

Name: size

Value: 1024×1024

## 6. Convert to File

**Operation:** Move Base64 String to File

**Base64 Input Field:** data[0].b64\_json

**Put Output File in Field:** data

## 7. Publish on Linkdein

## 8. Send Post Via Gmail