



AI Prompt Bank for Technical Writers

Template prompts for ChatGPT, Cursor, Gemini, Claude, and other AI tools to enhance your documentation workflow

Overview

This prompt bank contains template prompts you can copy, customize, and experiment with to improve your technical documentation process using AI tools.



Save Time

Automate repetitive writing tasks and focus on high-value content



Improve Consistency

Apply style guides and maintain voice across documentation



Generate Ideas

Overcome writer's block and explore alternative approaches



Bulk Editing OpenAPI Parameter Descriptions

Use these prompts to efficiently update multiple parameter descriptions in API documentation:

Prompt:

Update all `query` parameters to include the parameter's purpose, expected value type, and an example value. Use concise, developer-friendly language.

Prompt (with structure):

For each parameter, follow this format:

"This parameter is used to [purpose]. It expects a [data type], such as [example value]."

Prompt (style guide aware):

Rewrite all parameter descriptions to use active voice, avoid jargon, and follow our API writing style guide.



Improve Clarity & Readability

These prompts help transform complex technical explanations into clear, user-friendly content:

Prompt:

Simplify this paragraph for a developer who's unfamiliar with our product. Use short sentences, bullet points, and plain language.

Prompt:

Rewrite the following section to make it more user-centered. Focus on the user's goals, not the system's actions.



First Draft Generation

Jump-start your documentation with these prompts that generate structured content:

Prompt:

Write an introductory paragraph for a guide on [topic]. The audience is [developers / product managers / analysts], and the goal is to help them [task].

Prompt:

Generate a step-by-step guide for setting up [feature], including required prerequisites, commands, and expected outputs.



Enforce Style Guide & Consistency

Maintain consistent voice, terminology, and format across documentation:

Prompt:

Review this content for consistency with our style guide. Flag any issues with passive voice, inconsistent capitalization, or unclear headings.

Prompt:

Rewrite this to follow our company's style guide: use active voice, second person ("you"), and simple present tense.



Translate Tech Specs to User Docs

Transform technical specifications into user-friendly documentation:

Prompt:

Convert this technical specification into end-user documentation. Include a brief summary, use case example, and key steps.

Prompt:

Rewrite this database schema explanation as part of a developer onboarding guide. Avoid internal terms and make it task-focused.



SME Feedback Summarization

Process and organize input from subject matter experts efficiently:

Prompt:

Summarize the following SME feedback into 3–5 key action items for the documentation team. Identify any follow-up questions that should be clarified.



Diagram Assistance

Generate code for visual documentation elements:

Prompt (sequence diagram):

Create a Mermaid.js sequence diagram for the following flow: A user submits a form, the frontend sends data to the API, the API validates and stores it, and returns a confirmation.

Prompt (flowchart):

Generate a flowchart for the OAuth2 authentication flow including user, frontend, authorization server, and resource server.



Convert Passive to Active Voice

Transform passive voice constructions into more engaging active voice:

Prompt:

Rewrite this paragraph to use active voice. Keep the technical accuracy, but make the sentence structure more direct and engaging.



Generate Inline Tooltips or Hover Text

Create concise explanatory text for UI elements:

Prompt:

For each field in this form, generate a short tooltip (10–15 words) that explains what the field is and how to use it.



Using Notebook LM

Leverage Notebook LM's capabilities for technical documentation tasks:

Information Gathering

Upload multiple technical documents and use Notebook LM to extract relevant information, identify patterns, and create comprehensive summaries.

Analysis

Process complex technical content to identify key concepts, dependencies, and relationships between different components or systems.

Summaries

Generate concise executive summaries, feature overviews, or technical briefs from longer, more detailed documentation.

Targeted Question Answering

Upload technical specifications and ask specific questions to get precise answers that can be incorporated into your documentation.



AI Tools for Technical Writers

Explore these AI tools to enhance your documentation workflow:



Cursor

AI-powered code editor with integrated AI assistance for developers and technical writers

<https://cursor.sh/>



ChatGPT

Conversational AI assistant for text generation, editing, and creative content

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



Gemini

Google's AI assistant with strong multimodal capabilities for text and visual content

<https://gemini.google.com/>



Claude

Anthropic's AI assistant known for thoughtful, nuanced responses and document analysis

<https://claude.ai/>



Notebook LM

Google's notebook-style AI tool for analyzing documents and generating insights

<https://notebooklm.google/>

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Created for technical writing office hours on AI in documentation