

AI-POWERED YOUTUBE SCRIPT AND THUMBNAIL GENERATOR

Internship Task Report

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Task

Use prompt chains to generate engaging YouTube video titles, scripts, and thumbnail ideas from a selected niche. Create a full YouTube video using AI tools.

Tools

ChatGPT, Pictory/InVideo, Canva, DALL·E/Midjourney, Notion

Deliverables

- Prompt chain documentation
- Full video script (800–1500 words)
- Thumbnail text + AI-generated image or mockup
- Final video (edited using AI tools)

Process

Step 1 – Selecting the Niche and Generating Video Title Ideas

I began by using ChatGPT to generate a list of potential viral YouTube video titles for different niches.

Prompt:

Give me 5 viral YouTube video title ideas in the [niche] niche.

Output:

- **Personal Finance & Side Hustles (With AI Twist)**
 - How I Made ₹10,000 Using This AI Tool
 - Earn While You Sleep with AI Automation
- **Productivity & Study Hacks**
 - Study Smarter with These AI Tools
 - How I Use ChatGPT to Organize My Life
- **Tech & App Reviews**
 - I Tried India's Most Hyped AI App – Here's What Happened
 - This New AI App is Beating ChatGPT?
- **Motivational & Career Growth**
 - Will AI Kill Your Career? Not If You Do This
 - Top Skills to Learn Before AI Takes Over

Step 2 – Writing the Full YouTube Script

Once the niche was selected, I created a detailed video script using ChatGPT.

Prompt:

Act as a professional YouTube scriptwriter for a high-performing productivity channel. Write a complete YouTube video script (1000–1500 words) for the title: "Top 5 Productivity & Study Hacks Using AI Tools (That Actually Work!)"
Structure:

1. Intro – Start with a strong hook...
2. Hack #1–5 – State the tool name, explain what it does, and how to use it.
3. Outro – Motivational note + call to action.

Tone: Friendly, motivating.

Audience: Students and young professionals aged 16–30.

Include these tools: Notion AI, ChatGPT, Forest App, Audiopen.ai, Focus To-Do (Pomodoro).

Make it beginner-friendly, use simple English, and include timestamps.

Output:

Title: "Top 5 Productivity & Study Hacks Using AI Tools (That Actually Work!)"

[Intro]

Opening Hook

Are you always fighting procrastination, struggling to focus, or feeling buried under a never-ending to-do list?

You're not alone. Most students and professionals today feel the same way. The good news? We live in the AI era – and there are some genuinely useful tools that can save you time, boost your focus, and even make studying a little enjoyable.

In this video, I'll share 5 AI tools that can completely change the way you study, plan, and get things done. They're beginner-friendly, and most are free or super affordable.

Let's jump in.

[Hack #1 – Notion AI: Your Smart Study Assistant]

Tool: Notion AI

Notion has always been a great productivity app, but with Notion AI, it becomes your personal study assistant.

What It Does:

- Summarizes lessons
- Generates clean notes

- Creates study outlines
- Even writes essays based on your topic

How to Use:

1. Create a Notion page for your subject or project.
2. Type a prompt like: "Summarize the French Revolution in 10 points."
3. Let Notion AI turn it into a neat, easy-to-read summary.

Example: Studying history? Paste your textbook content, and Notion AI will turn it into bullet points so you can revise in minutes instead of hours.

Bonus: Use flashcard templates in Notion to turn your summaries into quick quizzes.

[Hack #2 – ChatGPT: The Smartest Study Buddy]

Tool: ChatGPT (by OpenAI)

You've heard of it – but the real question is, are you using it right?

What It Does:

- Explains complex concepts in simple words
- Helps solve math or coding problems
- Generates ideas for essays and presentations
- Creates step-by-step breakdowns of tricky topics

How to Use:

1. Go to chat.openai.com and sign up (free).
2. Ask questions like: "Explain Newton's 3rd law like I'm 10."
3. Or: "Write me a 500-word essay on climate change."

Example: Stuck on a chemistry equation? Ask ChatGPT, and it'll walk you through it step-by-step.

Pro Tip: Don't just take the first answer. Ask follow-up questions to deepen your understanding.

[Hack #3 – Forest App: Gamify Your Focus Time]

Tool: Forest

If your phone distracts you every time you try to study, this one's for you.

What It Does:

Forest uses the Pomodoro technique – 25 minutes of focus followed by a short break. The twist? Every time you focus, you grow a virtual tree. Leave the app early, and the tree dies.

How to Use:

1. Open the app.
2. Set a timer (e.g., 25 minutes to revise a chapter).
3. Stay in the app until your timer ends.

Example: At the end of the week, you can look at your "productivity forest" and see how much focus time you've built up.

Bonus: Your focus points can even be used to plant real trees in the world.

[Hack #4 – Audiopen.ai: Turn Voice Notes into Clear Study Material]

Tool: Audiopen.ai

If you think better by talking, this tool is a lifesaver.

What It Does:

Turns messy voice notes into clean, structured text you can save or share.

How to Use:

1. Go to audiopen.ai.
2. Record yourself explaining a topic or summarizing a lecture.
3. Audiopen converts your recording into clear paragraphs.

Example: Instead of typing notes after class, just speak your thoughts into your phone while walking home. The AI will clean it up for you.

[Hack #5 – Focus To-Do: AI Meets Time Management]

Tool: Focus To-Do

This app combines Pomodoro timing with task tracking.

What It Does:

- Splits your day into 25-minute work sessions
- Lets you track and prioritize tasks
- Gives you productivity stats so you can improve over time

How to Use:

1. Add your tasks for the day (e.g., “Read Chapter 5,” “Practice Python coding”).
2. Start a 25-minute timer, take a 5-minute break, repeat.
3. After 4 sessions, take a longer 15-30 minute break.

Example: Big projects feel less overwhelming when broken into small chunks.

[Outro – Final Thoughts & CTA]

And that’s it. These 5 AI tools aren’t just hype – they can genuinely make you more focused, efficient, and less stressed.

Whether it’s Notion AI for quick notes, ChatGPT for problem-solving, or Forest for gamified focus – pick one and try it today. Even 10 minutes can make a difference.

Your challenge: Choose one tool from this list and use it for your next study or work session.

If you found this helpful, tap the Like button, comment your favorite tool, and subscribe for more AI-powered productivity tips.

See you in the next one – stay focused and stay awesome

Step 3 – Creating Thumbnail Ideas and Designs

Prompt:

Suggest 5 thumbnail text ideas that trigger curiosity, use emotional words, and complement the video title without repeating it.

Output:

- Study Smarter with AI
- These 5 Tools Changed Everything
- Productivity UNLOCKED!
- AI Study Hacks 🔥
- Don't Study Without This!

AI-Generated Thumbnail Image Prompt:

A high-resolution YouTube thumbnail showing a focused student using a laptop with glowing AI icons around them (ChatGPT, clock, brain, checklist, graphs). Background is



bright and professional, with text: "Top 5 AI Study Hacks" in bold white and yellow, suitable for a YouTube video or LinkedIn post. Modern, realistic, and clean style.

Step 4 – Editing the Final Video

The final video was created using InVideo and Descript AI.

- Added captions, shadows, and arranged frames for better visual flow.
- Applied background music and smooth transitions.

Final Video Link: <https://youtu.be/RIYIv-4kWFw>

Outputs

Includes full YouTube video script, thumbnail ideas, AI-generated image prompt, and video editing details.

Video Link: <https://youtu.be/RIYIv-4kWFw>

Conclusion

This project successfully demonstrated the ability to use AI tools to create engaging YouTube content from concept to completion. It showcased prompt engineering skills, creativity in thumbnail design, and proficiency with AI-based video editing software, delivering a professional and market-ready output.