Prompt Engineering Internship Portfolio- 3 Creative Generation Prompt

Internship Title: AI Research Intern
Organization: CodeJR
Duration: 18/02/24 to 18/04/24
Focus Area: Prompt Engineering for Generative AI Models

1. Overview of Work

During my internship at CodeJR, I focused on understanding and experimenting with prompt engineering techniques to optimize responses from large language models like ChatGPT. Though this was an exploratory and self-driven role, I made consistent efforts to iterate on various prompt patterns, refine outputs, and understand how different prompt structures affect model behavior.

2. Key Contributions

- Designed and tested over 50+ prompts targeting diverse use cases like:
    - Role-based prompting (e.g., "Act as a doctor, teacher, historian")
    - Instructional prompting (e.g., "Explain how Dijkstra's algorithm works")
    - Chain-of-thought prompting (e.g., step-by-step reasoning problems)
    - Few-shot examples (e.g., providing multiple input-output samples)
- Analyzed model behavior under different:
    - Temperature settings
    - System vs user prompts
    - Output lengths and response consistency
- Documented learnings on how prompt tone and phrasing affect:
    - Creativity vs accuracy of outputs
    - Use of hallucinated data vs real facts
    - Ethical and responsible AI usage in generative systems

3. Prompt Examples and Iterations

Prompt 1 - Role Prompting
Initial: *"Explain how to cook biryani."*
Improved: *"You are a professional Indian chef. Explain step-by-step how to cook traditional Hyderabadi biryani."*

Prompt 2 - Instructional Prompting
Initial: *"Tell me about recursion."*

Improved: *"Explain recursion to a beginner using the example of factorial calculation, in less than 100 words."*

4. Tools and Platforms Used

- ChatGPT (Free and Plus)
- Claude AI
- Microsoft Copilot
- Notion/Google Docs for documenting prompts and observations

5. Outcomes

- Gained practical understanding of how LLMs respond to varied prompt techniques
- Built a personal prompt library for technical, creative, and professional use cases
- Improved analytical thinking about language model behavior

6. My Analysis

Objective: Test how prompt phrasing affects the **style, tone, and creative output** of AI in a fictional context.

Base Prompt:

"Write a motivational quote that sounds like it was said by a wise old monk living in the Himalayas."

Prompt Variations:

1. "Now make it sound **sarcastic**."

2. "Now make it sound **poetic**."

3. "Now rewrite it in the **style of a Gen Z meme**."

Key Comparative Metrics:

Each variation was analyzed for:

- **Originality & Creativity**

- **Tone Adaptation Accuracy**

- **Language Richness**

- **Format Consistency**

- **Humor, Depth, or Emotive Pull** (depending on prompt type)

Base Prompt – **"Wise Monk Quote"**

- **ChatGPT**:
  "When the wind howls, the mountain does not answer — it listens."
  Deep, serene, and metaphorical. Strong monk vibes.

- **Claude AI**:
  "Patience is not the absence of movement, but the presence of peace in stillness."
  Meditative and layered. Philosophical language with strong imagery.

- **Copilot**:
  "True strength is in knowing you need none."
  Succinct, almost Zen-like. Less poetic but still aligned with the monk tone.

- ➔ **According to me:**
  ChatGPT and Claude both embraced the monk archetype beautifully. Claude leaned more spiritual, ChatGPT more metaphorical. Copilot was minimal but aligned.

Variation – **"Sarcastic Tone"**

- **ChatGPT**:
  "Ah yes, run toward enlightenment — it's just past the third mountain, guarded by a yak with attitude."
  Wit + wisdom combo. Played into the sarcastic angle without losing voice.

- **Claude AI**:
  "Sure, just meditate for 40 years in a cave and all your problems will vanish. Simple, right?"
  Subtle sarcasm with an almost real-world jab. Dry humor.

- **Copilot**:
  "Because obviously, peace is achieved by freezing in silence for decades."
  Very blunt. Edgy sarcasm, less elegance.

- ➔ **According to me:**
  Claude gave the most human-like sarcasm. ChatGPT's version was creative and humorous. Copilot leaned snarky and plain.

Variation – **"Poetic Tone"**

- **ChatGPT**:
  "In silence I found the song of the stars; in stillness, I walked the sky."
  Lyrical and dreamy. Impressive use of metaphor and rhythm.

- **Claude AI**:
  "The river forgets not the stone that broke it, yet flows with grace."
  Elegant, nature-rich, reflective. True poetic form.

- **Copilot**:
  "The snow whispers truths no voice could ever speak."
  Concise but poetic. Gentle and serene.

- ➔ **According to me:**
  Claude gave the most poetic phrasing. ChatGPT's version was imaginative, while Copilot's was short yet elegant.

Variation – **"Gen Z Meme Style"**

- **ChatGPT**:
  "Inner peace? Nah fam, I just vibe with the void."
  Perfect tone shift, witty, Gen Z humor spot-on.

- **Claude AI**:
  "Be still like a rock, unless you're rolling downhill — then just go with it, lol."
  Subtle meme energy, quirky but gentle.

- **Copilot**:
  "Enlightenment? Just turn off the Wi-Fi and cry in peace."
  Dark meme humor. Relatable in a hilarious way.

- ➔ **According to me:**
  ChatGPT absolutely nailed the Gen Z meme voice. Copilot brought dark humor, Claude kept it light and quirky.

Final Insight:

This creative prompt revealed how AI can mimic **distinct literary tones** with minor prompt tweaks. It tested:

- **Linguistic agility**

- **Narrative imagination**

- **Stylistic variance based on direction**

Different models showed distinct strengths:

- **ChatGPT**: Versatile, stylistically rich, funny and poetic

- **Claude AI**: Reflective, philosophical, and elegant

- **Copilot**: Snappy, witty, and short-form friendly

How This Adds Value to My Prompt Portfolio:

- Shows my **experimentation with creative writing prompts**

- Demonstrates understanding of **tone engineering and prompt stacking**

- Highlights the **emotional & stylistic nuance** achievable via prompt design

- Useful for roles in:

    - **Creative Tech Writing**

    - **Conversational AI Design**

    - **Marketing & Branding Copy**

    - **Entertainment Writing**

📎 *This test highlights how simple phrases can lead to dramatically different outputs. All prompts and observations are self-designed and tested.*

Certificate

CodingJr

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Anushka Sharma** has successfully completed their internship with **Coding Jr (Code4Bots Technologies Pvt Ltd)** from **February 18, 2025** to **April 18, 2025.**

During this period, they worked as a **AI Research Intern,** contributing significantly to key projects and tasks related to their role. Their innovative approach, keen attention to detail, and ability to deliver high-quality work within deadlines were commendable.

Anushka Sharma 's dedication, ability to work independently, and strong collaboration skills made them an integral part of the team. Their enthusiasm for learning and continuous improvement was truly impressive.

We appreciate **Ms. Anushka Sharma 's** contributions and wish them continued success in all their future endeavors.

With regards,

Sumit Bhat
Founder
Coding Jr
(Code4Bots Pvt Ltd)

Code4Bots Pvt Ltd

AIC-BHU 5th Floor

Phone: 9149553564

Inquiry: ceo@codingjr.online