GAURAV RAMANE

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PROFILE

I am a driven AI professional with a strong foundation in Deep Learning, Natural Language Processing, and Machine Learning. My expertise includes optimizing large language models (LLMs) and developing advanced solutions for AI-driven content creation. With a passion for creating intelligent, responsive systems, I excel in generating high-quality prompts, evaluating prompt-response pairs, and enhancing AI interactions. I am eager to contribute to innovative projects that push the boundaries of AI technology.

ACADEMIC DETAILS

Master in Data Science
Vellore Institute of Technology   *2024 – Present*

B.Sc. in Computer Science
Shivaji University, Kolhapur   *July 2016 – March 2019*

SKILLS

Programming Languages: Python, JavaScript
AI & Machine Learning: TensorFlow, PyTorch, Scikit-learn, Hugging Face Transformers, Langchain
NLP Tools: NLTK, SpaCy, GPT-3, BERT, LLama2
Content Creation: Prompt Engineering, Text Summarization, Image and Video Captioning
Tools: Git, Docker, DVC, AWS
Soft Skills: Problem-solving, Team Collaboration, Communication, Adaptability

PROFESSIONAL EXPERIENCE

Content Creation for AI Models:
- Developed conversational and generative prompts that improve AI model interactions.
- Created descriptive prompts for various use cases, including summarizing and captioning video content.
- Generated accurate image captions and event captions for video content.

Evaluation & Improvement:
- Scored and evaluated AI-generated prompt-response pairs based on multiple parameters.
- Provided constructive feedback to enhance prompt-response quality and model performance.
- Compared and rated multiple AI-generated responses, refining outputs for accuracy and engagement.

PROJECTS

Ask-Me-A-Question:

The project prompts users to ask a question, which is then sent to the OpenAI API.

Python is used to handle user input and interact with the API.

The API's response is retrieved and displayed to the user.

Future enhancements include adding error-checking to validate user queries.

ACHIEVEMENTS & CERTIFICATIONS

- **Udemy :** Javascript, Python
- **Udemy:** Data Science, Machine Learning, Deep Learning, Artificial intelligence, GenAI