

# GenAI Coding

## Cheat Sheet



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## A. LLM Providers

- API Based LLMs
  - [Groq API](#)
  - [Claude API](#)
  - [OpenAI API](#)
  - [Gemini API](#)
  - [DeepSeek API](#)
  - [Cohere API](#)
- Local LLMs
  - [Huggingface Models](#)
  - [Ollama Running at Local Laptop](#)
  - [Ollama at Google Colab](#)
  - [LMStudio](#)

## B. Unified LLM Interface (to access any LLM Providers)

- [LiteLLM](#)
- [Aisuite](#)
- [OpenRouter](#) (Paid one)

## C. Prompt Engineering

- [Basic Prompt Engineering](#)
- [Chain-of-Thought \(CoT\)](#)
- [Zero Shot Chain-of-Thought](#)
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## D. Retrieval Augmented Generation (RAG)

- [Basic RAG](#)
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## E. Agentic AI

- [CrewAI](#)
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## F. Fine Tuning

- [Different Methods](#)

## G. Coding Tools

- [Cursor](#)
- [GitHub Co-Pilot](#)
- [Claude Code](#)
- [Replit](#)

## H. Free GPU

- [Google Colab](#)
- [Kaggle](#)