

Certificate of Course Completion

Markus Zametter

has successfully achieved student level credential for completing the course:

Prompt Like an Engineer

The student was able to proficiently:

- Explain how a chatbot is built around an LLM, including memory, system prompts, tools, and orchestration, and identify where errors can occur.
- Apply five guiding principles: stay in the lead, verify before trusting, weigh the effort, adapt AI to you, and manage risk.
- Decompose complex tasks and choose the right worker for each (yourself, coworkers, traditional software, cloud LLMs, or local LLMs).
- Select between cloud and local models based on privacy, performance, and hardware (RAM, processor, model size, and quantization).
- Build effective prompts iteratively using building blocks (instruction, context, input, and refinements).
- Apply prompt design patterns including few-shot prompting, chain of thought, prompt chaining, and the multi-expert panel.
- Get data into and out of a chatbot reliably, resolving tabular data and file encoding issues.
- Evaluate AI outputs for truth, executability, effectiveness, alignment, logic, and correctly cited sources.



Lynn Bloomer

Lynn Bloomer
Director, Cisco Networking Academy

This certificate is awarded to

Markus Zametter

for successfully completing

Prompt Like an Engineer

offered by Networking Academy
through the Cisco Networking Academy program.

Lynn Bloomer

Lynn Bloomer
Director
Cisco Networking Academy



10 Oct 2026
Completion Date