Networking Academy

Certificate of Course Completion

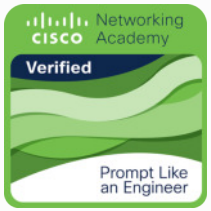
Jessie James Bote

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

Issued on: Sep 29, 2026