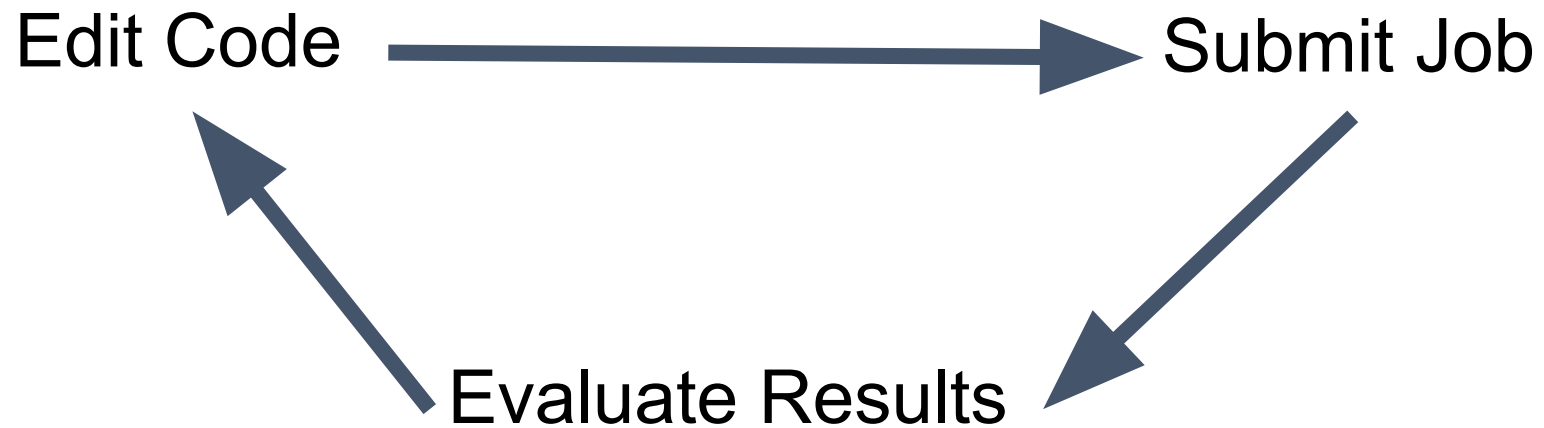


Sherpa: AI Job Troubleshooter and More

Presented by: Joseph Guzman

Date: 2026-09-25

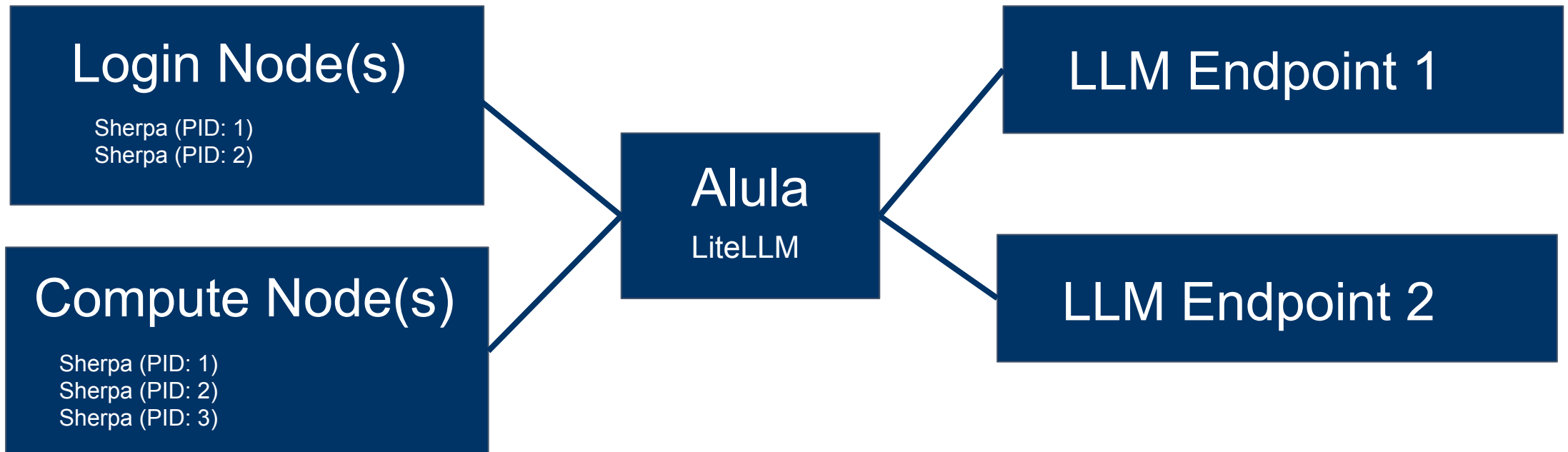
Slurm Workflow



Goal: Accelerate

Architecture

- Sherpa (OpenAI API Compatible Client)
- LiteLLM (Reverse Proxy)
- LLM Endpoint(s) and Tools



Sherpa Client

- Both an expert and an agentic helper
- TUI (text-based user interface)
 - Job menu, tool exec previews, chat
- Uses OpenAI Completions API
 - Backend flexibility
- Retrieves relevant job info

Demo

1. Analyze a Failed Job
2. Resubmit
3. AI Chat

Questions?

Bonus: Claude Code CLI

- LiteLLM is OpenAI Compatible
- Can integrate with other AI tools
- WIP

Thank You