

Recommended Open-source stack

- [Open-source stack](#)
- [Recommended Winning Stack \(2026\)](#)

Open-source stack

Layer	Recommended Options
LLMs	LLaMA 4, Qwen 3, Mixtral, DeepSeek
Fast Inference	Groq, vLLM, Ollama
Agent Framework	LlamaIndex
Workflow Engine	LlamaIndex Workflows
API Layer	FastAPI
Vector DB	Qdrant, Chroma
Graph DB	Neo4j, Memgraph
SQL DB	PostgreSQL
Policy Engine	OPA (Open Policy Agent) / Cedar
Observability	Langfuse / OpenTelemetry
Queueing	Redis / Kafka
Automation	N8N
Auth	OAuth2 / Keycloak
Tool interoperability	MCP (Model Context Protocol) — now under the Agentic AI Foundation / Linux Foundation
Agent memory	Mem0, Zep, or a self-hosted tiered store (working / episodic / semantic)

NEW IN 2026

Anthropic donated MCP to the newly formed Agentic AI Foundation under the Linux Foundation in December 2025, with OpenAI and Block as co-founders and AWS, Google, Microsoft, Cloudflare, GitHub, and Bloomberg as supporting members. It is now a vendor-neutral standard rather than a single-vendor protocol, which is why it belongs in the stack table above rather than only in the tool layer section.

Recommended Winning Stack (2026)

Layer	Choice
API	FastAPI
Agent Framework	LlamaIndex
Workflow	LlamaIndex Workflows
Tool Interoperability	MCP (2026-07-28 spec, stateless)
Vector Memory	ChromaDB
Graph Memory	Neo4j
Agent Memory Layer	Mem0 / Zep (tiered, benchmarked)
SQL	PostgreSQL
Models	Groq / vLLM served OSS models
Policies	OPA
Observability	Langfuse + OpenTelemetry
Queue	Redis
Automation	N8N