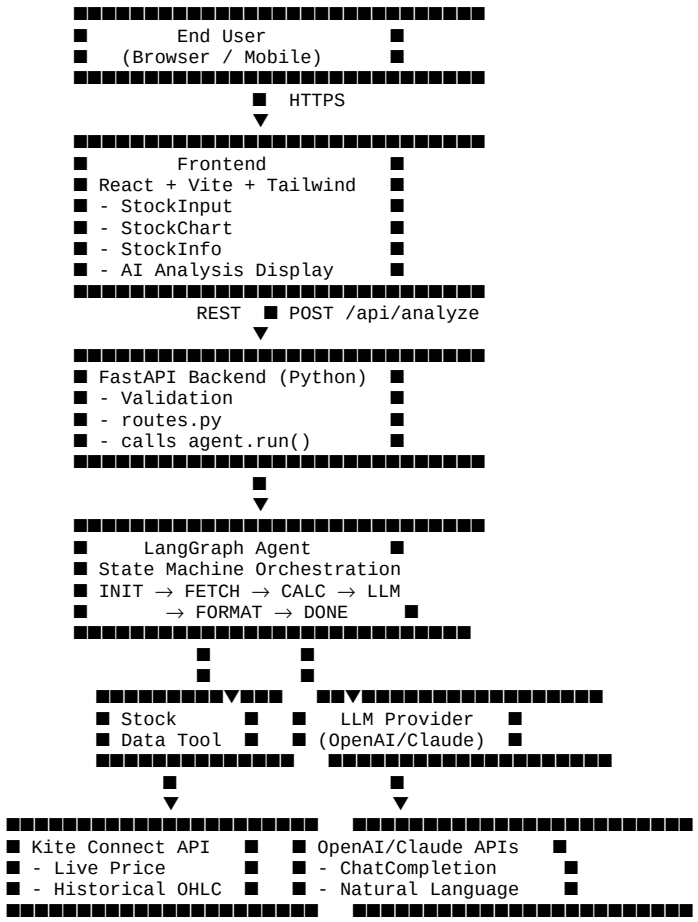
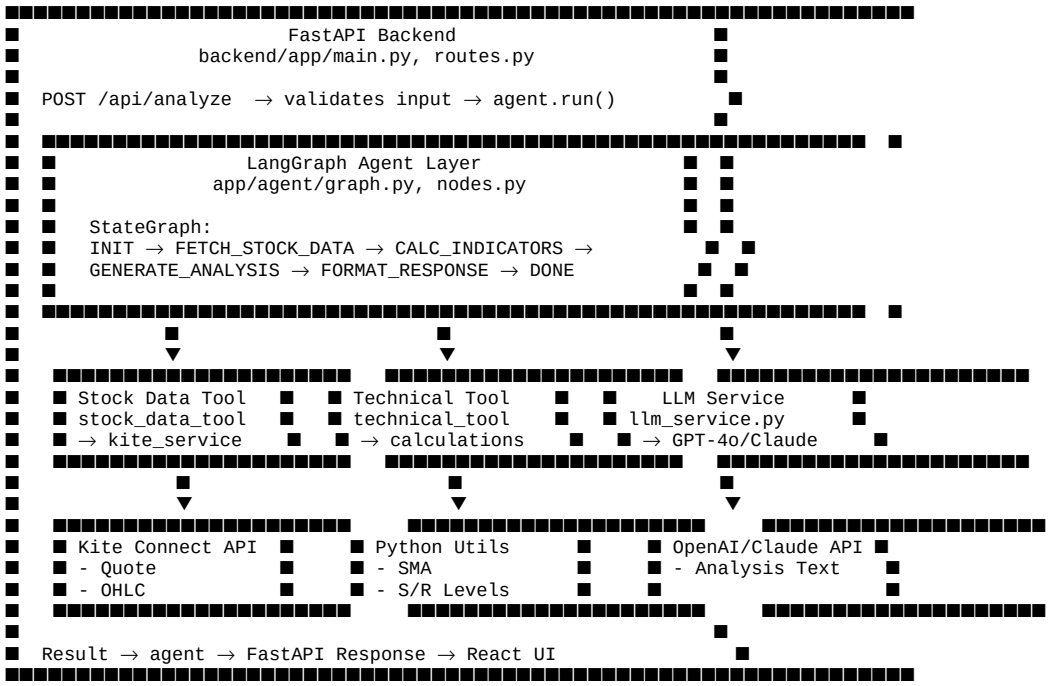
System Architecture – High-Level + Backend Agent Detail

1. High-Level System Architecture



FLOW SUMMARY:
1. User enters a symbol on React UI.
2. Frontend sends POST /api/analyze.
3. FastAPI validates → calls LangGraph agent.
4. Agent fetches quote + OHLC from Kite.
5. Agent calculates indicators (SMA, Support/Resistance, Volume).
6. Agent sends structured data to LLM for analysis.
7. LLM generates plain-language technical commentary.
8. Agent assembles final response → FastAPI → React UI.

2. Backend + Agent Detailed Diagram