

System Architecture & Agents Planning

End-to-End Architecture Overview

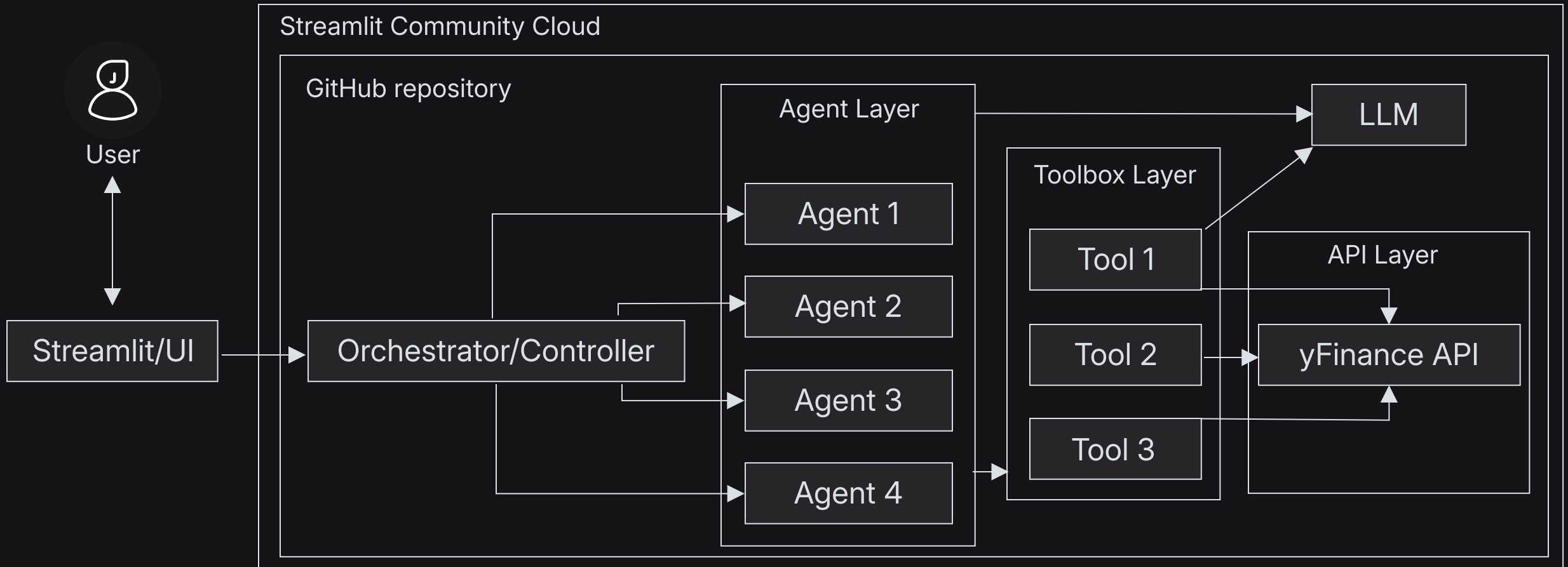
Nitin Agarwal

Principal Data Scientist

Ex-Microsoft

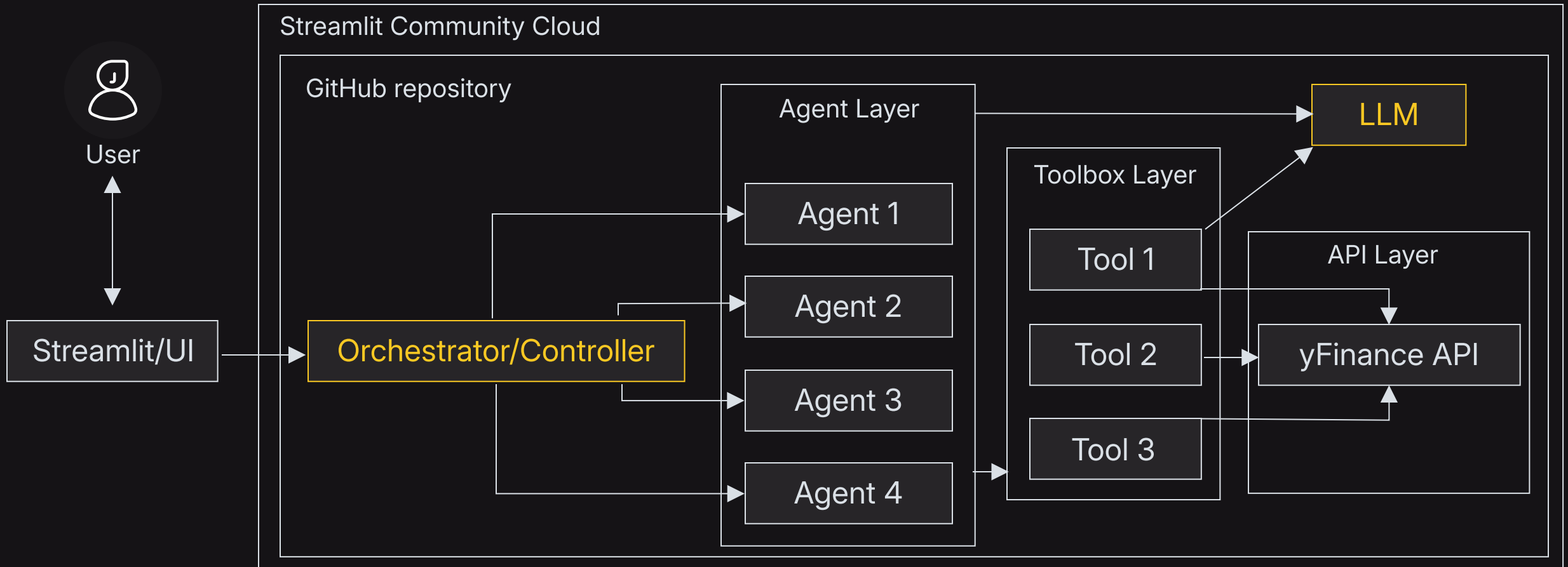


End-to-End Architecture Overview



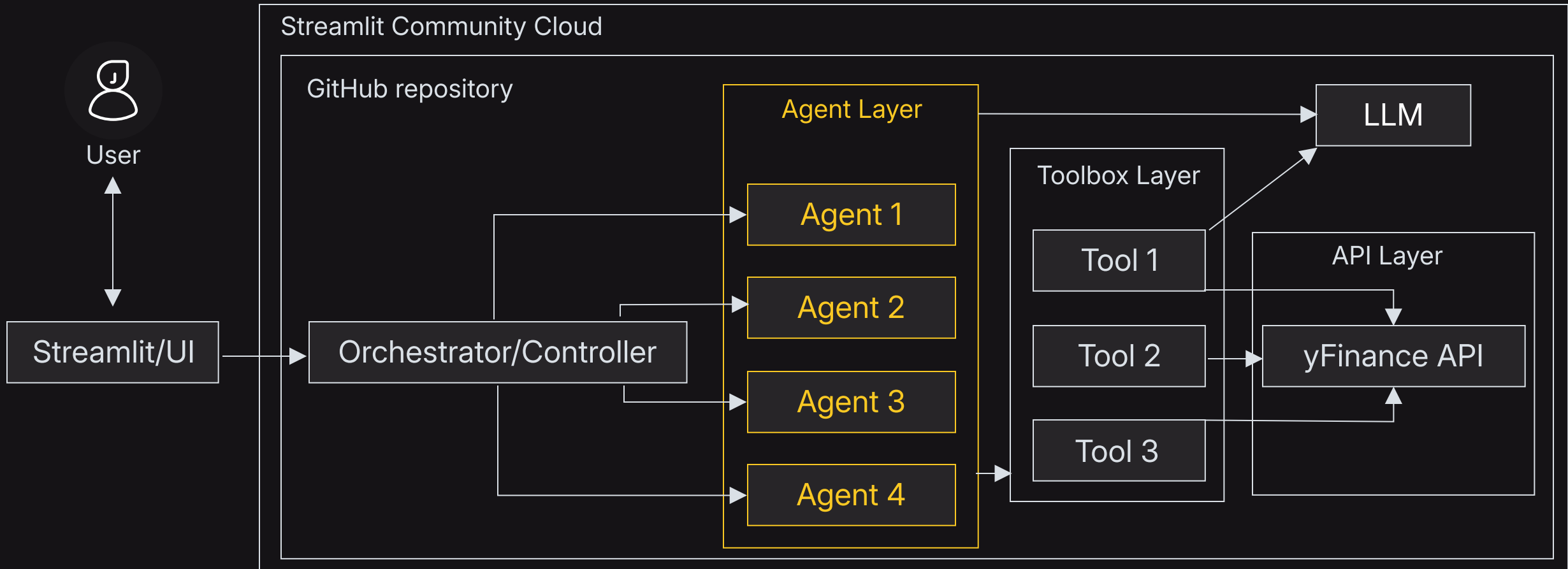
Flow of the Information

LLM + Orchestrator: LLM or controller initiates/coordinates actions.



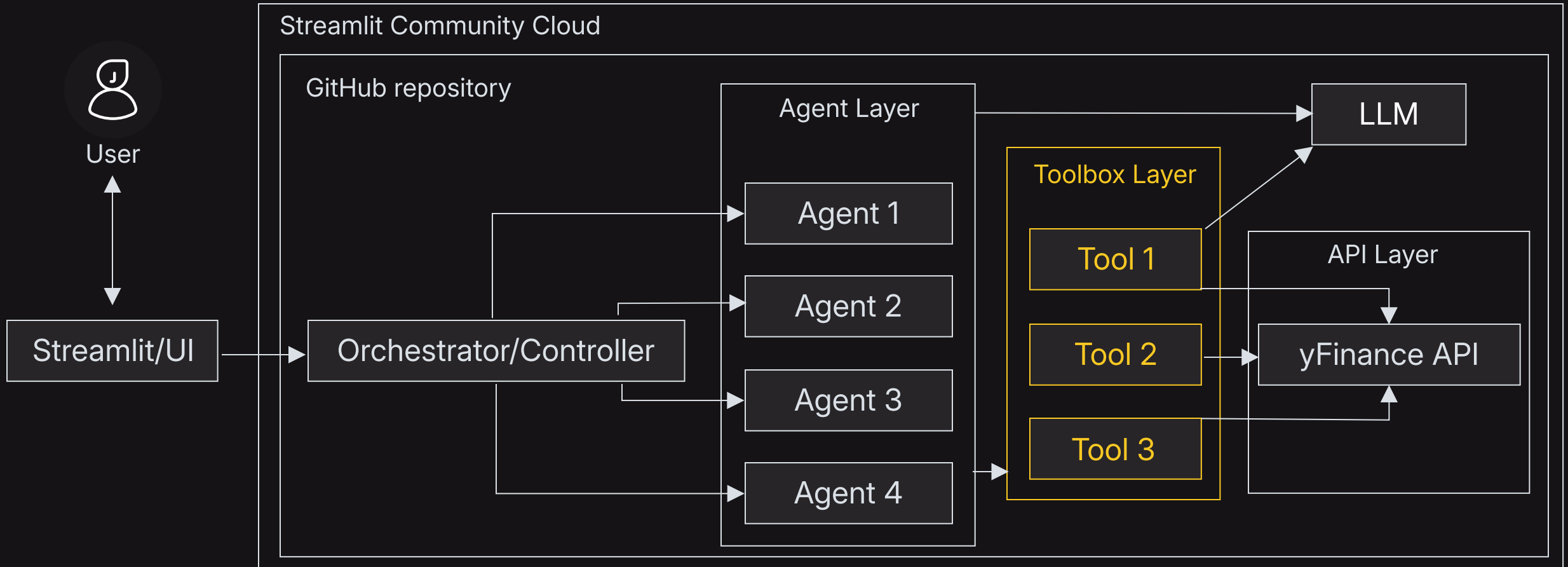
Flow of the Information

Agents: Modular units for specific roles (data fetch, analysis, summary, strategy).



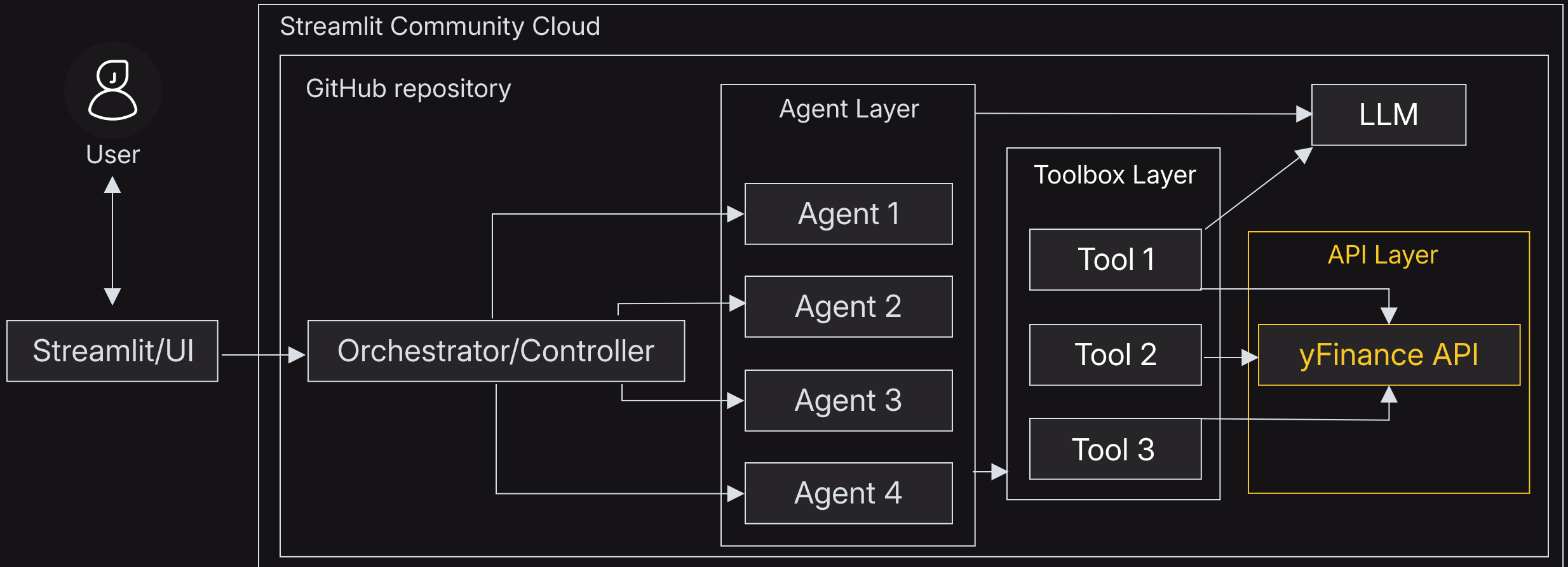
Flow of the Information

Tools: Invoked by agents, wrapping financial logic.



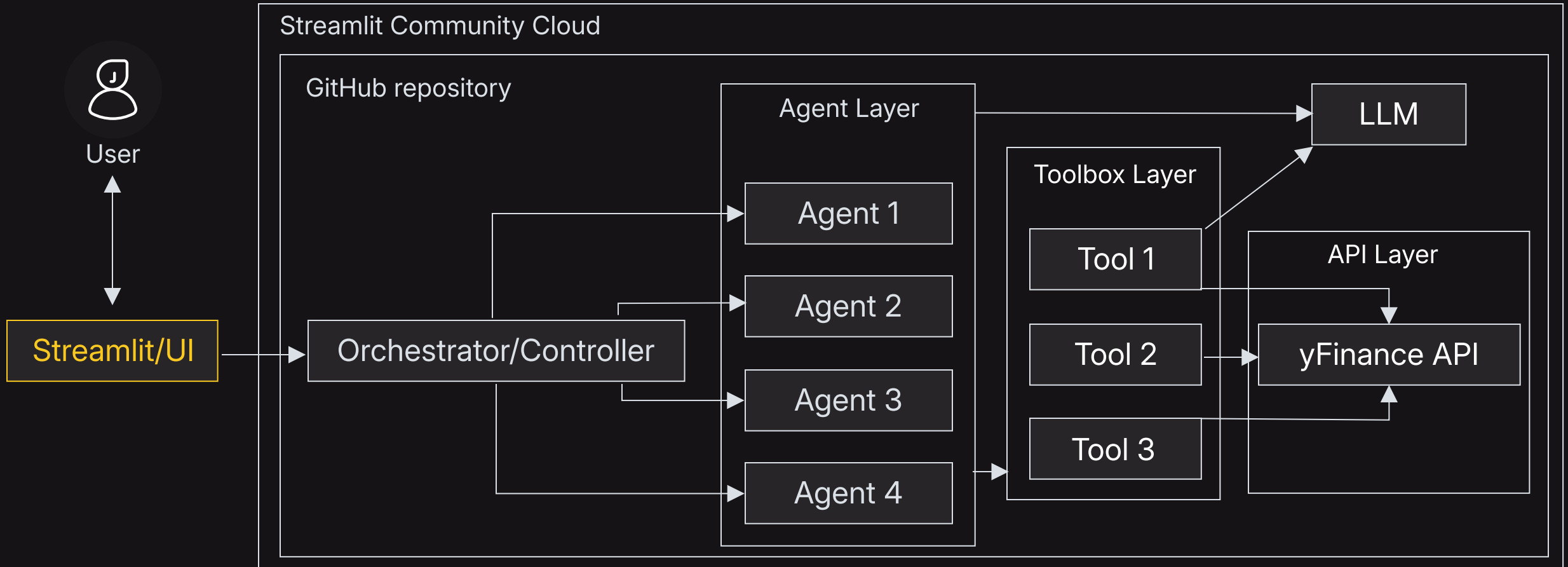
Flow of the Information

API (yFinance): External source of financial data.



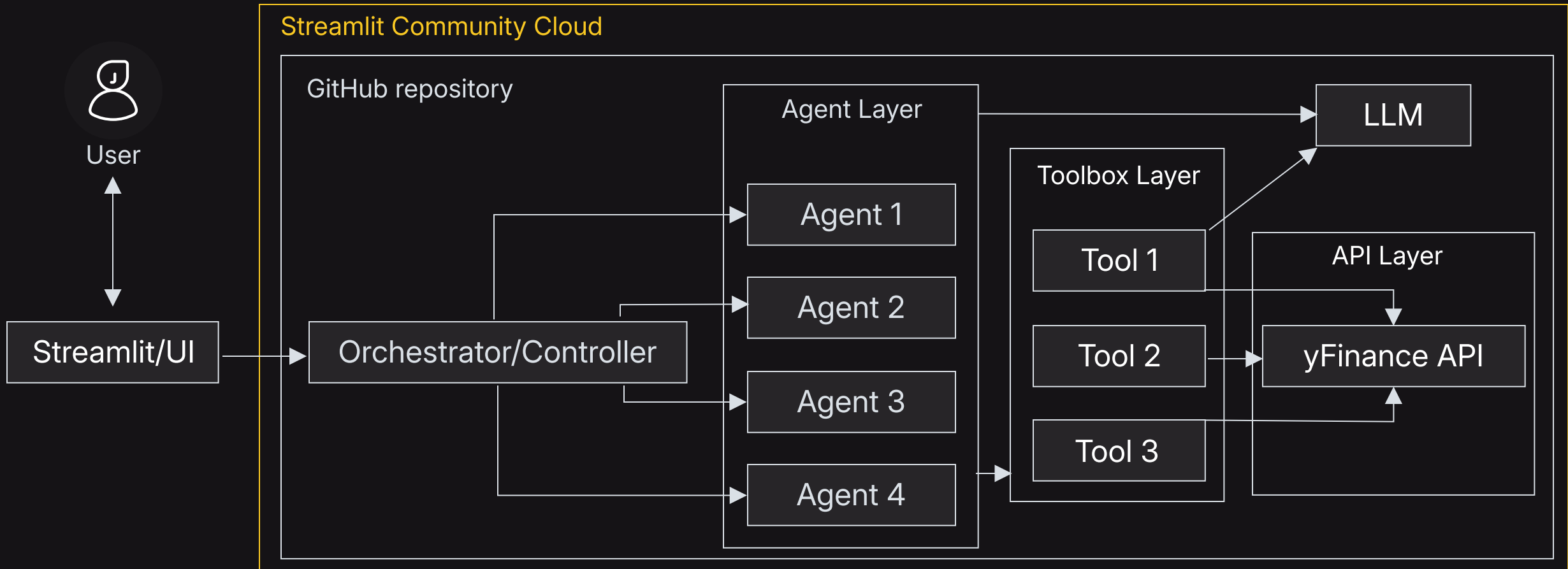
Flow of the Information

UI: User interacts via Python-built frontend (Streamlit/React).



Flow of the Information

Cloud Deployment: Final product is deployed on a cloud platform.



Thanks