

System Architecture & Agents Planning

Tooling & Technology Stack

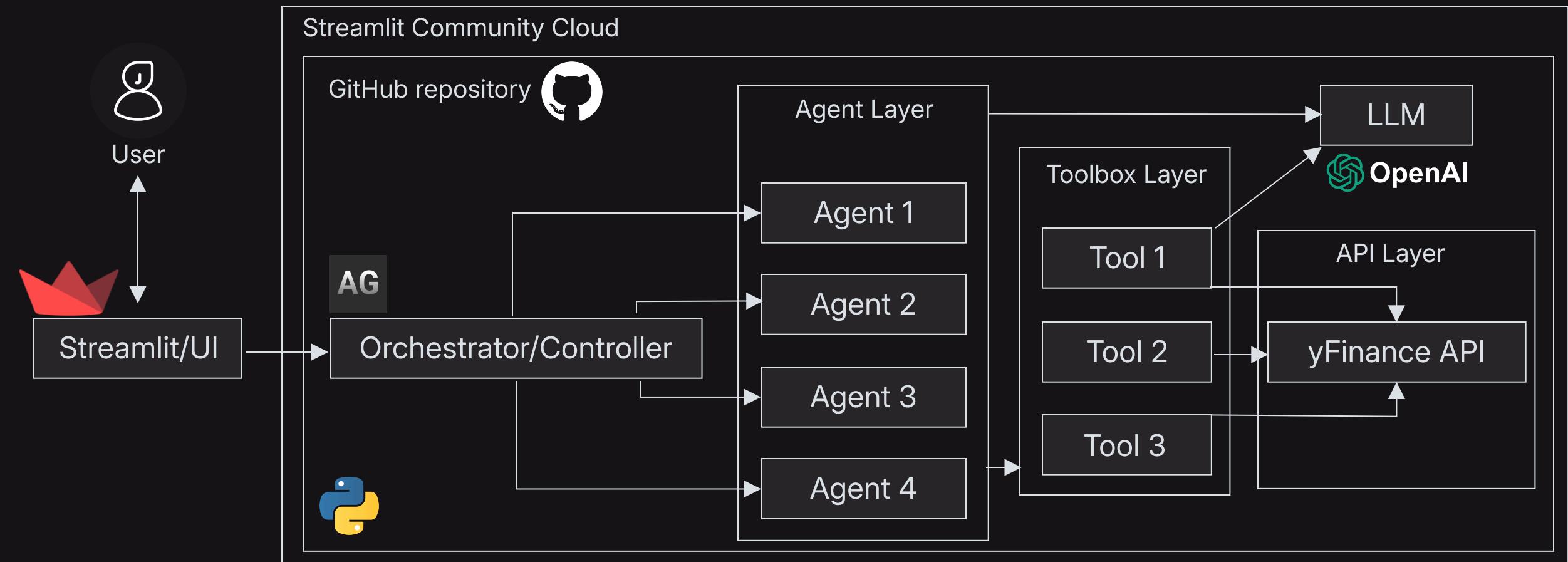
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End-to-End Architecture Overview



System Components & Stack

Component	Primary Tech	Alternates
Frontend/UI	Streamlit + Python	React.js + Flask, Gradio, Dash
Deployment	Streamlit Community Cloud	Azure App Service, AWS EC2, Vercel
Codebase	Github	GitLab, Bitbucket
Orchestrator	AutoGen AG	LangChain, CrewAI, Haystack Agents
Agent Layer	Modular Python Agents	LangGraph, HuggingGPT, Custom FSMs
Toolbox Layer	Python Modules + yFinance Integration	Alpha Vantage, Finnhub, Twelve Data
Data Source	yFinance API	Polygon.io, IEX Cloud, Quandl
LLM	OpenAI GPT	Anthropic Claude, Mistral, Cohere, Llama2

Thanks