

AI AGENT FOR TICK-TICK TASK MANAGEMENT

Automated TickTick task updates powered by AI and natural language input.

1.

WHY THIS PROJECT?

I wanted to streamline task management using natural language and AI. The goal was to reduce manual input and create an intelligent assistant that updates tasks automatically based on defined instructions.



2.

TRIGGERING THE FLOW

To kick off the automation, I built a webhook using Pipedream, allowing the system to receive real-time task input from TickTick platform. This webhook captures the user's input from created task and passes it to the AI Agent.

3.

AI-POWERED INTERPRETATION

Once the input is captured, it's processed by a custom AI Agent built on OpenAI's chat model. The agent understands the natural language prompt and interprets the user's intent—extracting key details like task title and description.



4.

TASK STRUCTURING & UPDATE

The AI Agent uses JSON schema to format the task correctly. Once the data is structured, the agent automatically sends an update to TickTick via its API, modifying title and description of the relevant task.

5.

RESULTS & WHAT I LEARNED

The result is a fully automated task management process driven by AI. The project taught me how to combine language models with real-time workflows, and design intelligent systems that interact smoothly with APIs.



It's a powerful example of using LLMs to solve practical, everyday problems.