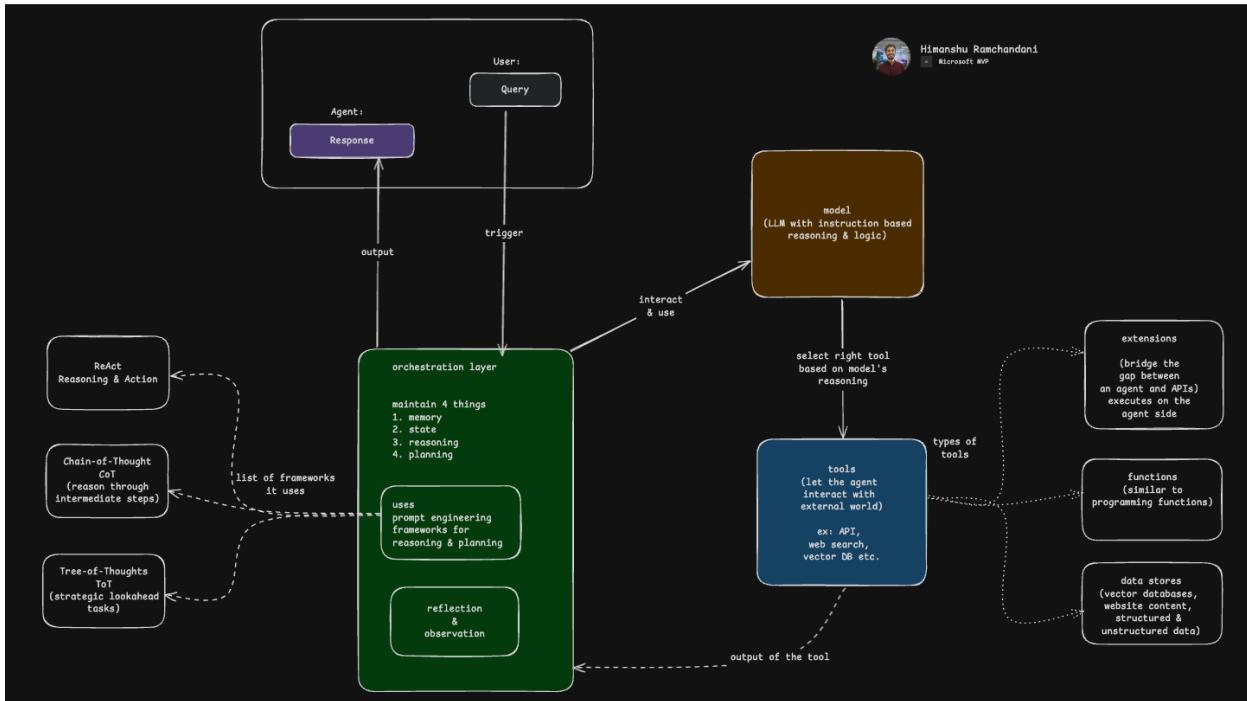


Self-Healing Coding Agent with Stateful Agentic Loops

Author: Santhi Maddipudi



Problem we are solving

Developers waste hours debugging.

Most AI coding tools generate code but do not fix their own mistakes.

They produce broken code, you fix it manually, and the cycle repeats.

What if an AI could write code, run it, read error logs, and fix its own bugs until tests pass?

Tech stack

LangGraph, Docker SDK, PyTest, AST, Gemini API, Python.

Proof of work :

In progress