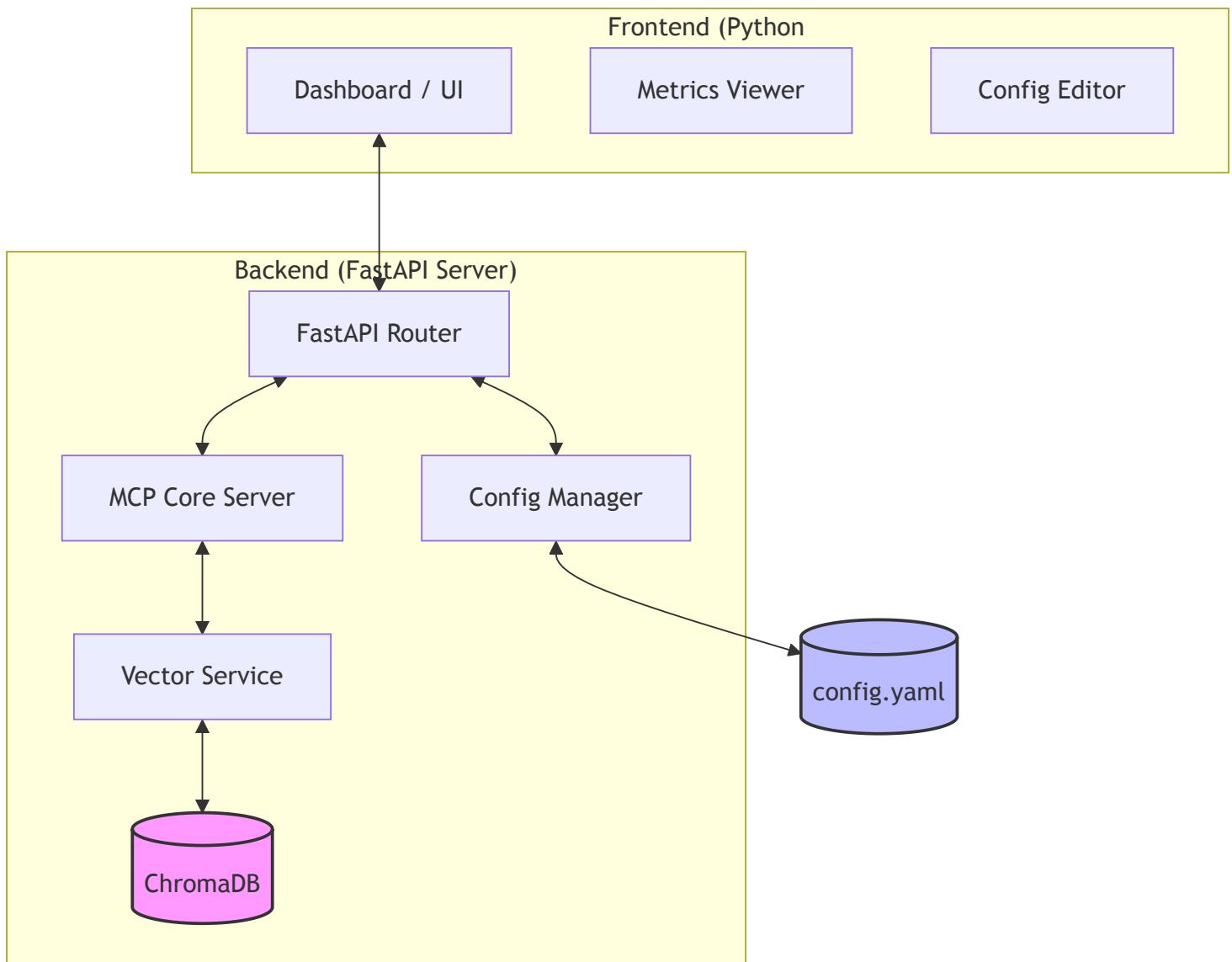


# Architecture: FastAPI\_MCP\_PoC



## Key Components

1. **Dashboard (Frontend):** For monitoring, editing configurations, and visualizing knowledge base queries.
2. **FastAPI Router (Backend):** Orchestrates requests between the UI and the MCP/Vector services.
3. **MCP Core:** Implements the Model Context Protocol, exposing tools to AI clients.
4. **Vector Service:** Provides RAG (Retrieval-Augmented Generation) capabilities using ChromaDB.
5. **Config Manager:** Handles dynamic updates to `config.yaml`.

