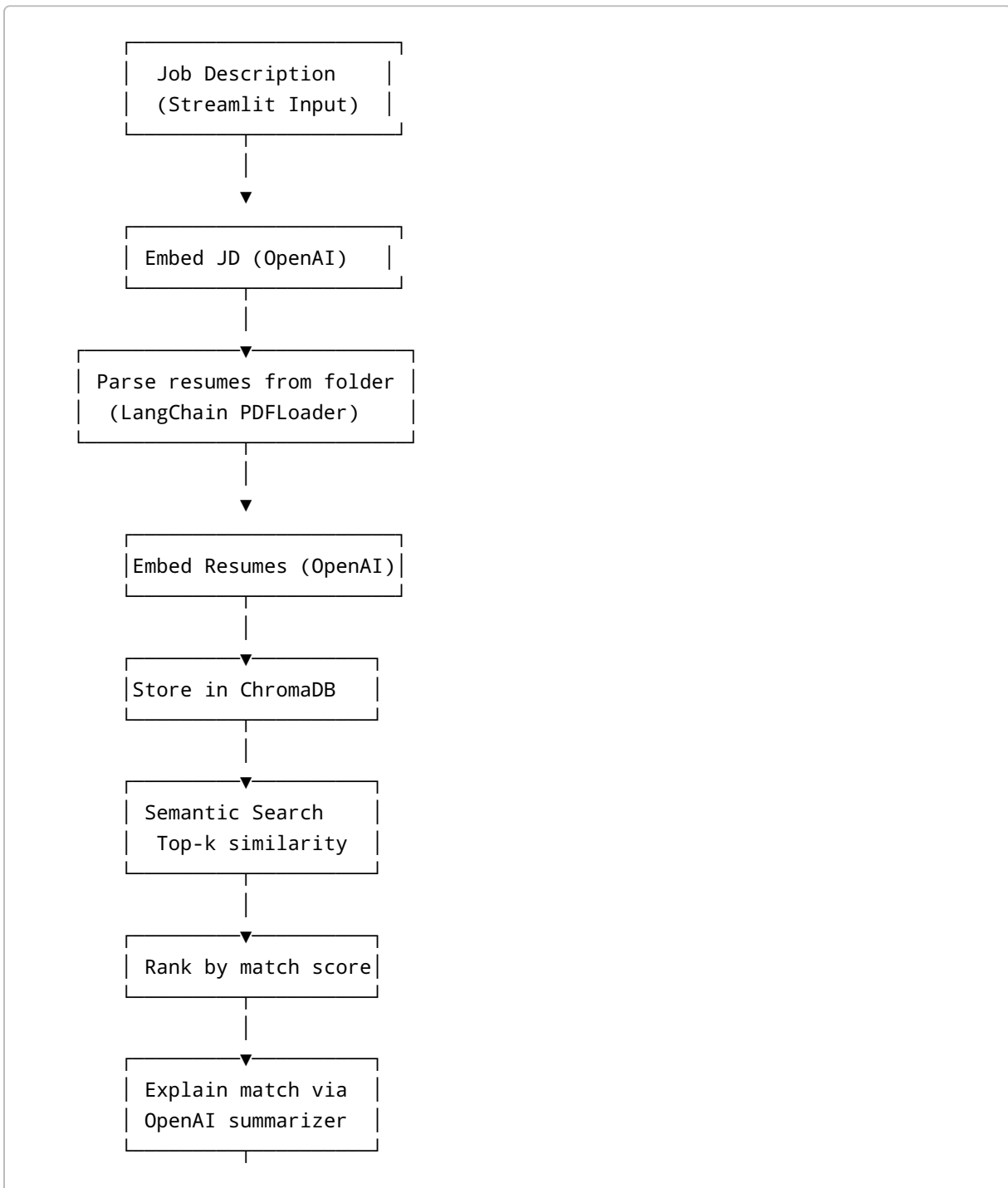
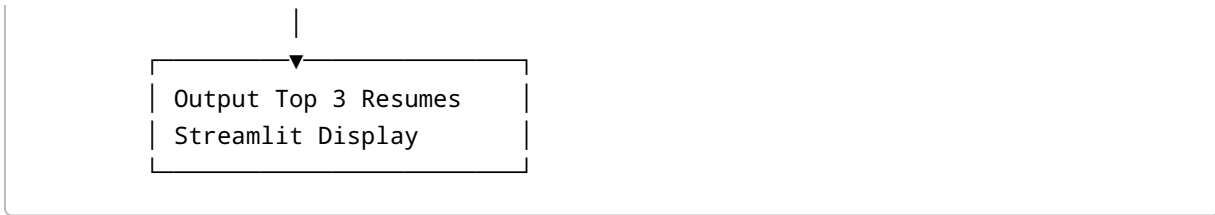


Autonomous Resume Screening Agent Architecture

High-Level Flow





Components & Tools

Component	Tool Used
Frontend UI	Streamlit
Resume Parsing	LangChain PDFLoader
Embedding	OpenAI Embedding API
Vector Search	ChromaDB
Matching Logic	Cosine Similarity
Explanation/Summary	OpenAI LLM (GPT)
Agent Memory/Looping	Python logic, LangChain