

FlowIntellect Platform Overview

FlowIntellect is a no-code AI workflow builder that enables users to create intelligent automation systems through a visual interface.

Key Features:

- Drag-and-drop workflow designer
- AI-powered document processing
- Real-time web search integration
- Multi-LLM support (Gemini, OpenAI)
- Knowledge base with semantic search
- PDF and document text extraction

Use Cases:

1. Customer support automation
2. Document analysis and Q&A
3. Research assistance with web search
4. Data processing workflows

Technical Stack:

Frontend: React.js with React Flow

Backend: FastAPI with Python

Database: PostgreSQL

AI: Gemini AI and OpenAI

Search: ChromaDB vector store

The platform supports intelligent document processing using PyMuPDF for text extraction and generates embeddings for semantic search capabilities.