

# High-Level Design (HLD)

## 1. Vision & Scope

Docr Canvas provides an interactive canvas-style UI where users can compose AI document-processing workflows. A Next.js frontend lets users drag/drop nodes, configure them, and submit documents. A FastAPI backend persists workflows, orchestrates execution, and integrates with LLM providers plus optional search APIs.

## 2. Target Users

- **Workflow authors:** Build reusable stacks of nodes for document QA.
- **Operators:** Run workflows in production, monitor execution, manage secrets.
- **Developers:** Extend the system with new node types or connectors.

## 3. Functional Overview