

29-Service Monorepo: Full Architecture Guide Author: Madhu Dadi Tags: Architecture, FastAPI, Next.js, Production

[code block]The lifespan context manager initializes Redis and starts the background scheduler onstartup, then tea

rag.py 2 Ask AI (RAG query), get related chunks code.py 1 Execute Python code (Pyodide sandbox) payments.py

Bookmark â belongsto: user, post (unique constraint) UserProgress completedat, readtimespent belongsto: user, p

a channel, and the APScheduler subscriber picks it up.5. Leaderboard â XP rankings use Redis sorted sets (ZADD

- Request deduplication for concurrent identical calls
Server Components vs. Client Components
Every page is a se

2. Split the admin router. `app/routers/admin.py` at 500+ lines handles too many concerns. Post CRUD, user management