Addendum — Layered & N-Tier View

Refactors the architecture into layered (closed by default) and N-tier deployment.

# Layered (Logical)

Presentation → API/Controllers → Domain/Business → Persistence → Infrastructure; adjacent-layer comms; approved open-layer exceptions (service→cache, service→AI).

# N-Tier (Deployment)

Presentation (SPA+Ingress) → Application/API (Express+Redis cache) → Integration/Async (Workers+Queue) → Data (Postgres+pgvector, Object Storage, Observability).