

SarAI

Multi-tenant SaaS AI Restaurant Assistant

Next.js 15

AI SDK 5

Laravel 12

OpenAI

RAG

MySQL

Multi-tenant

24/7

Availability

RAG

Semantic Search

N+

Restaurants

Live

In Production

The Challenge

Restaurant staff spend significant time answering repetitive customer questions — menu queries, allergy checks, wine pairings, reservation availability. The challenge was to build an AI assistant that could handle all of this 24/7, across multiple restaurants simultaneously, each with its own personality, menu, and brand voice.

The Approach

SarAI is a fully multi-tenant SaaS platform where each restaurant gets a branded chat interface with a custom tone and personality. Semantic search via OpenAI embeddings (RAG) allows the assistant to query each restaurant's knowledge base accurately without hallucinating. Real-time bookings are handled through AI tool calling, integrating directly with reservation systems.

The ingestion API, built in Laravel 12, handles menu uploads, knowledge base updates, and tenant configuration. The chat frontend in Next.js 15 is white-label ready and embeddable on any restaurant website with minimal setup.

Results

- ✓ 24/7 automated handling of reservations, menu queries, allergy and wine pairing requests
- ✓ White-label ready — each restaurant gets a fully branded experience
- ✓ Multi-tenant architecture scales to any number of restaurants
- ✓ Live and deployed in production