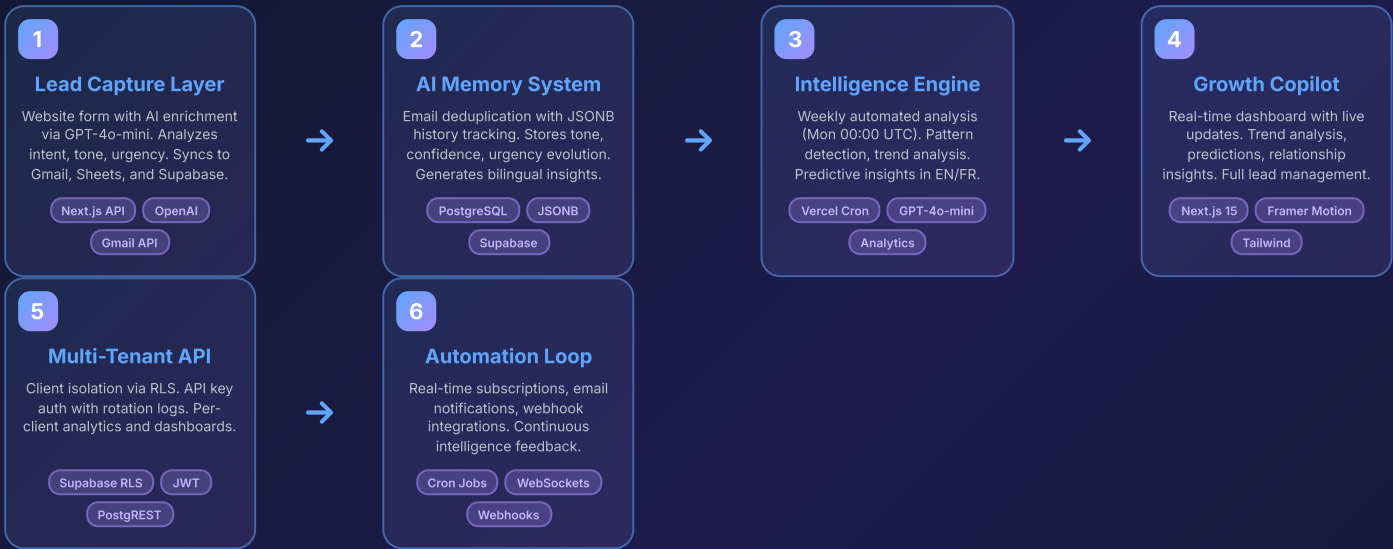


AVENIR AI SOLUTIONS

Technical Architecture — AI Growth Infrastructure



📄 Database Schema	🔄 Data Flow	🌟 Key Features
<p>lead_memory: id, name, email, message, ai_summary, intent, tone, urgency, confidence_score, tone_history[], confidence_history[], urgency_history[], relationship_insight, archived, deleted, current_tag, client_id</p> <p>growth_brain: id, client_id, analysis_period_start/end, total_leads, top_intents, urgency/tone distribution, avg_confidence, engagement_score, predictive_insights (EN/FR)</p>	<p>1. Capture: Form → /api/lead → Validation</p> <p>2. AI Enrich: GPT-4o-mini → Intent/Tone/Urgency</p> <p>3. Sync: Gmail → Sheets → Supabase</p> <p>4. Upsert: Check email → Append history</p> <p>5. Weekly: Cron → Detect patterns</p> <p>6. Display: Real-time → UI updates</p>	<p>🌐 Bilingual: Full EN/FR support</p> <p>🧠 AI-Powered: Intent, tone, urgency detection</p> <p>🕒 Real-Time: Live dashboard, WebSocket updates</p> <p>📊 Analytics: Engagement scoring, trend detection</p>

