Case Study: Nuvina

Personalized guided visualization for self-development

Julian M. Kleber | Solo founder | Mobile-first AI wellness product

julian.kleber@sail.black | Last updated: March 24, 2026

Outcome snapshot

- Built a React Native mobile app for personalized guided visualization in self-development.
- Replaces generic one-size-fits-all content with individualized sessions generated from user goals.
- Product model is freemium and currently in testing with focus on production readiness.

CONTEXT

People interested in self-development and personal growth often rely on generic guided visualization content. The problem is that standard content rarely matches individual goals, emotional context, or specific day-to-day challenges.

Nuvina was designed to solve this personalization gap by generating tailored guided visualization experiences from natural language user input.

ROLE

- **Role**: Designed the prototype and executed app development as a solo founder.
- **Ownership**: product concept, UX direction, AI flow design, and implementation.

IMPLEMENTATION STACK

- **Client**: React Native mobile application.
- **Backend**: FastAPI services for orchestration and generation flow handling.
- **Data**: Supabase for persistence, user/session state, and app data.
- **Architecture**: event-driven processing pipeline across request, generation, and delivery stages.

AI SYSTEM DESIGN

- Users describe goals and challenges in natural language.
- An agentic system transforms that input into a structured guided-visualization script.
- The output is delivered as personalized audio sessions, tuned to individual intent and context.

CORE PRODUCT VALUE

The strongest value signal is **individualization**. Instead of browsing generic content, users can quickly receive guidance tailored to their own goals and growth journey.

BUSINESS MODEL AND STAGE

- **Model**: Freemium.
- **Stage**: Currently in testing phase before broader rollout.

KEY CHALLENGE

The biggest technical challenge is selecting a reliable text-to-speech engine that maintains high quality while keeping usage costs under control at scale.

NEXT ITERATION

Current focus is bringing Nuvina to production readiness and validating it with early users from the entrepreneur self-development community.