

# Ruben


**A multi-modal AI music composer**

we're live - try it !!!!! —>



**David Korcak, Frantisek Kmjec**

# Configurable, structured AI-driven music composer and editor



# Ruben

multimodal music composer

## GENERATION HISTORY

No generations yet

### INPUT

Describe your vibe (optional if files provided)

make it feel lonely but hopeful

Audio reference (optional)

Upload audio clip

Reference images (optional, multiple)

Click to upload images

Video reference (optional)

Upload video clip

Compose ✨

Support for all key data modalities: text, images, video, audio

Produces tailored music perfect for the mood, situation, vibe

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## A multi-modal AI music composer

- Novel approach to interpretable, configurable, AI-driven music creation
- Intelligent, multi-modal LLM processes text, image, videos
- Music model interprets textual description of the target music
- Key idea: ***Sonic Blueprint*** (“vibe tree”)
- Easy to understand for user/musician thanks to hierarchy
- User can “swap” different themes/instruments of the song
- LLM provides final high-level reasoning/composition step

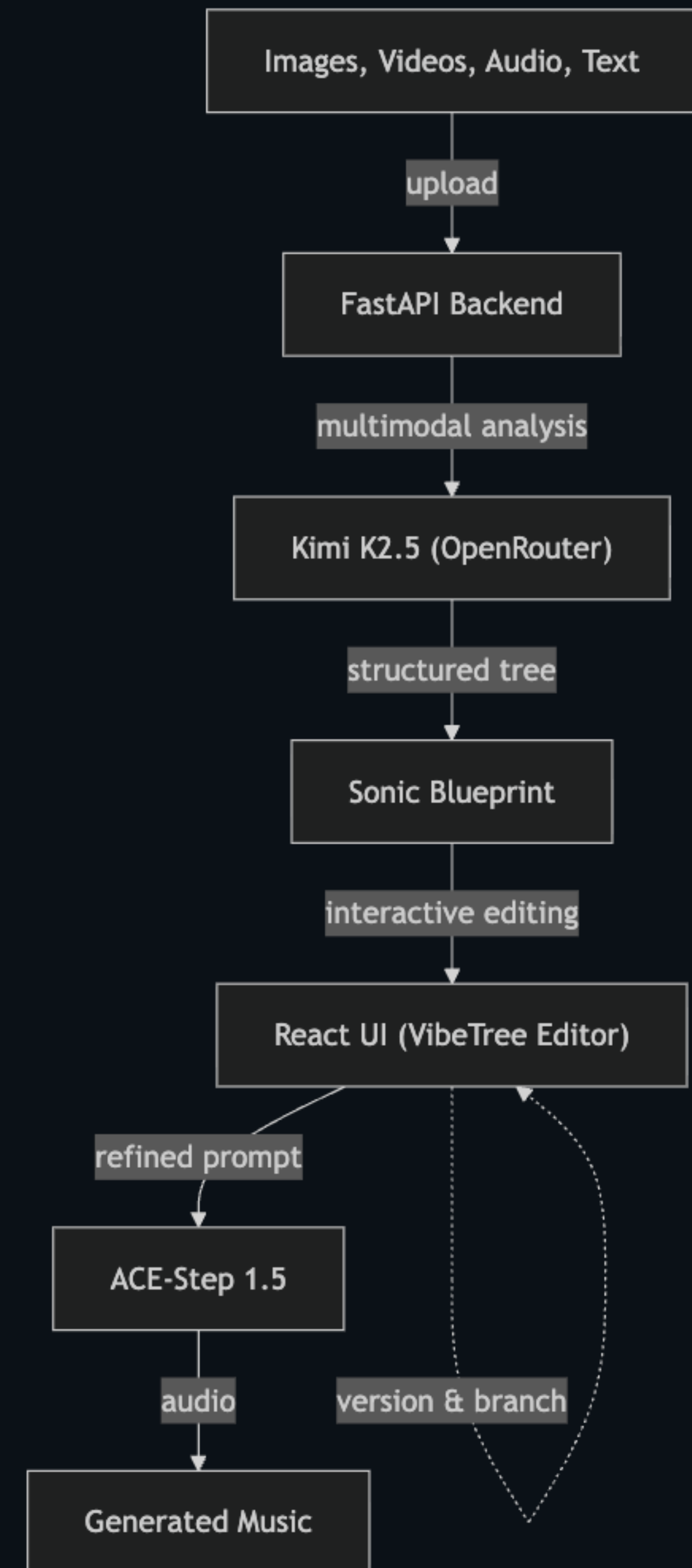




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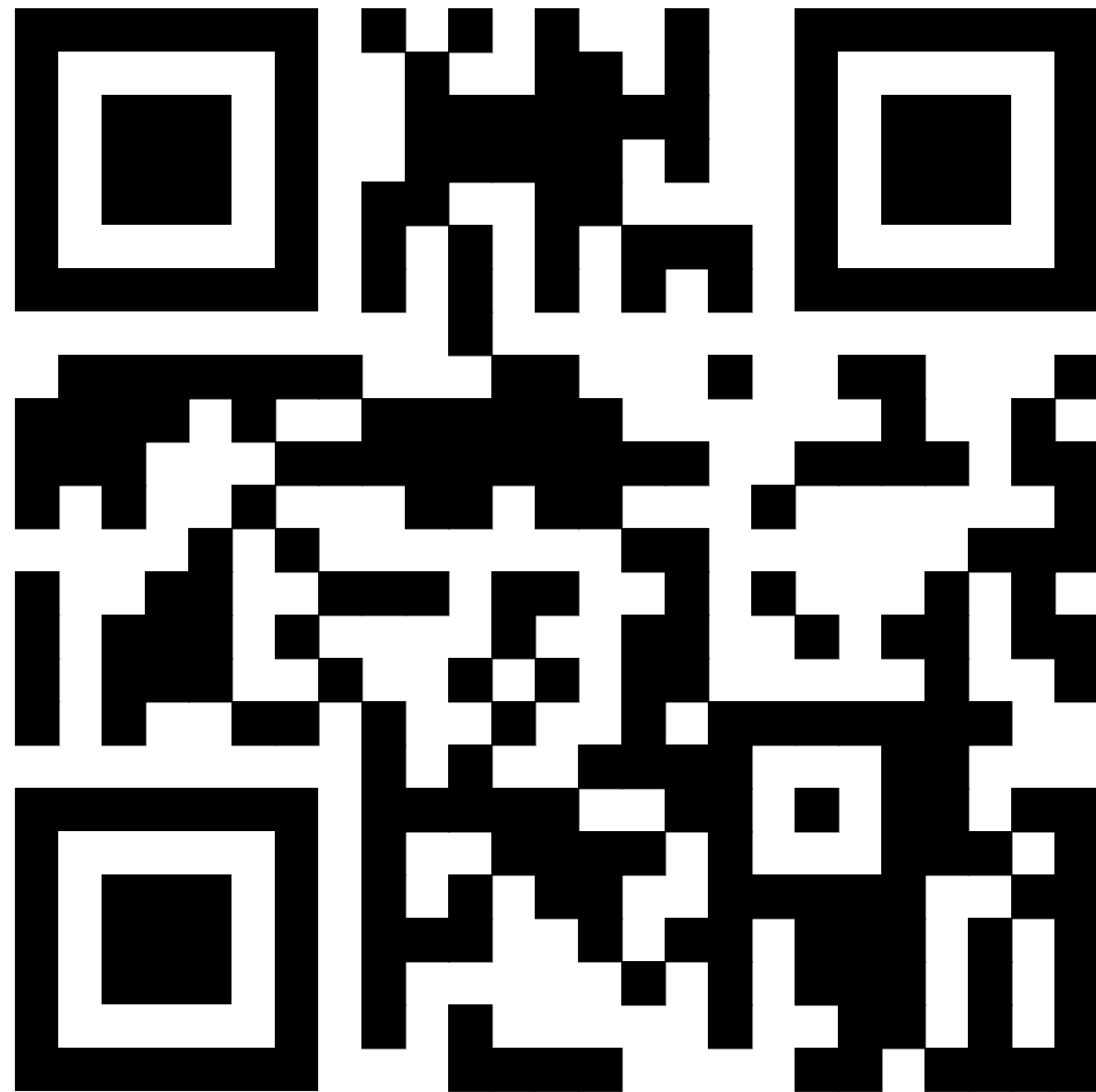
## A multi-modal AI music composer

- Dual model architecture -> Kimi K2.5 for intelligence and multi-modal data
- ACE-Step 1.5 for music generation or user-supplied audio understanding
- Both models are open source, state-of-the-art in their respective fields
- Built using React, FastAPI, Python-based backend server
- OpenRouter-provided Kimi K2.5 API access
- Self-hosted ACE-Step 1.5 music generation model
- Only open source models -> low cost, independent, private (!)





<http://157.230.208.203/>



Rick Rubin

