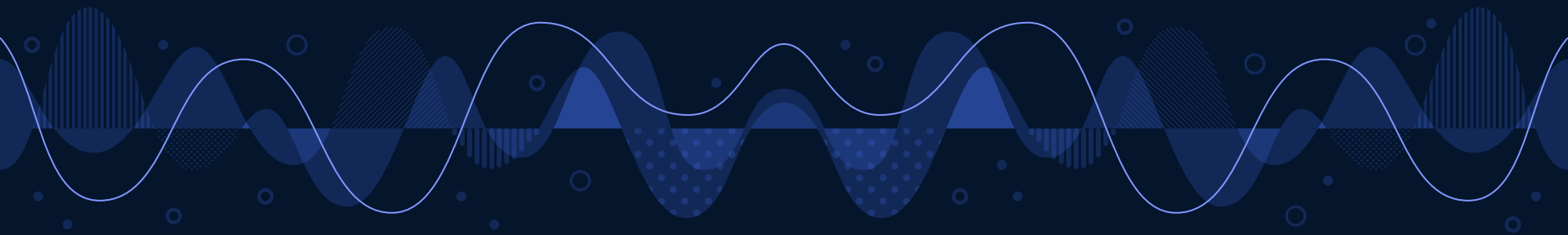




WavMakr: AI Music Generation



Meet The Team



Ryan Bernstein
CEO, Field
Investigator



Shreyas Anil
CTO, Full Stack
Director



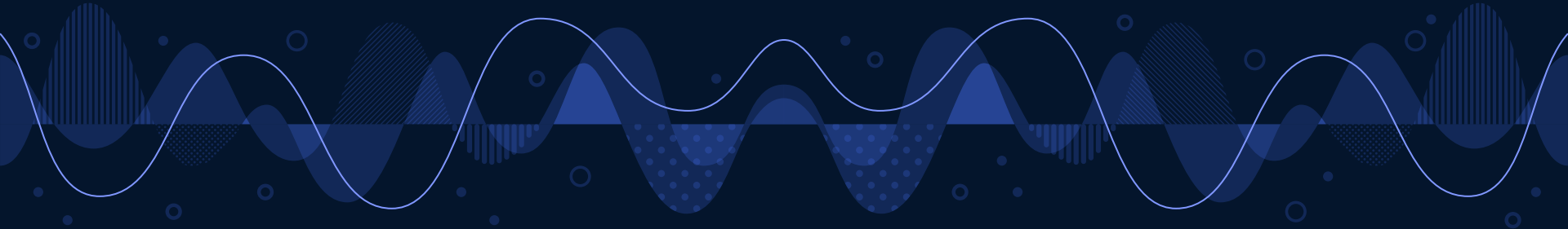
Aryan Mistry
Cloud Expert, HR
Director



Evan Turkon
COO, Backend
Developer



Justin Yang
CFO, UX/UI
Researcher



The Problem



- Music production is hard, and existing software is intimidating and inaccessible:
 - User 1: “Learning how to use a [Digital Audio Workstation] is already time-consuming enough and learning all the other tooling takes even longer”
 - User 2: “I can hear the beat in my head, but translating that into something tangible on my computer is often frustrating”
 - User 3: “[Digital Audio Workstations] are way too expensive and any other products that I wanted to use, I also had to pay for.”

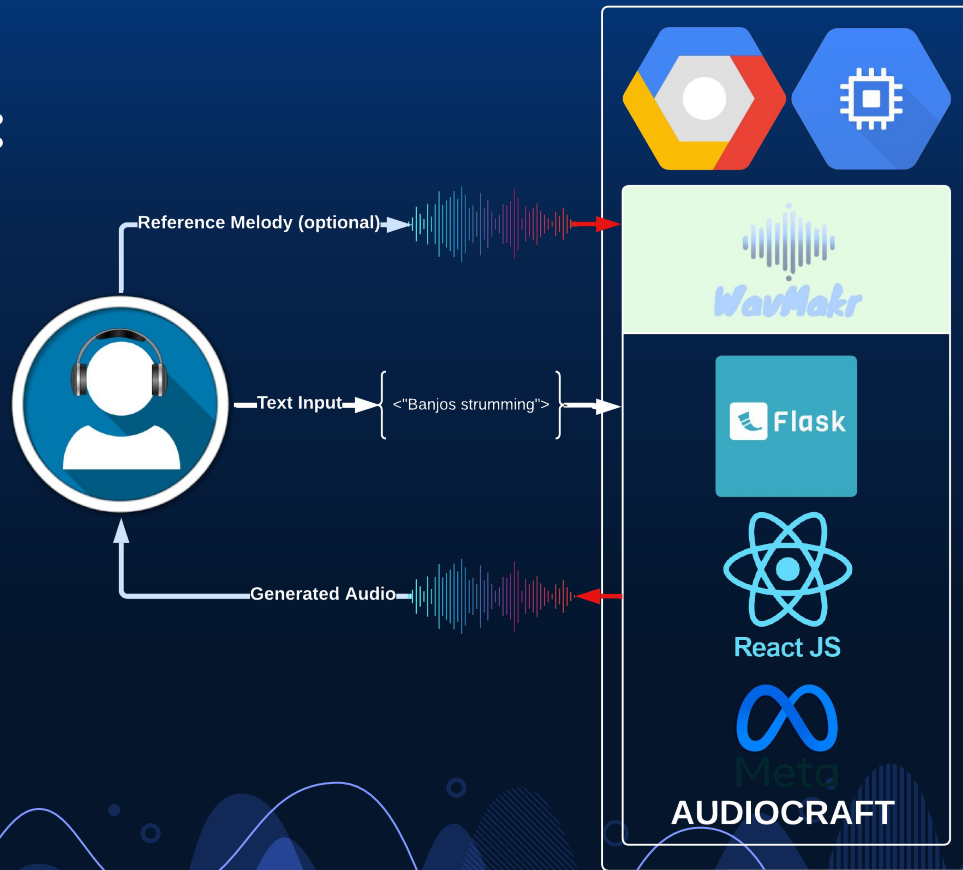


Product Demo

WavMakr

Technical Discussion:

- Step 1: User enters prompt
 - May include reference Melody
- Step 2: Prompt and Music Sample sent to AudioCraft MusicGen Model
- Step 3: Generated Audio is outputted



The Model

- MusicGen, engineered by Audiocraft
- Trained with 10K high-quality music tracks, Shutterstock and Pond5 music data
- We used a pre-trained version of MusicGen that has 1.5 Billion parameters and can utilize uploaded melodies along with prompts to generate up to 15 seconds of music

Source:
<https://github.com/facebookresearch/audiocraft/blob/main/docs/MUSICGEN.md>



Target Users

WavMakr is ideal for:

- Amateur Musicians and Hobbyists
- Educational Institutions
- Podcasters and Content Creators
- Tech-savvy Music Enthusiasts



Competition & Potential Impact of Our Target Users:

- Current Market: Lots of Options, but in early development and rough
 - ~60% of independent musicians use AI for music generation
 - Big music production software such as Ableton, FLStudio, etc
 - Up and Coming Generative AI such as Fadr AI
- Customer Testimonials:
 - User 1: "I'd pay up around \$200 if it genuinely helped production"
 - User 2: "It would definitely improve the [Music Production] experience"
 - User 3: "This would definitely speed things up."



Future Plans



- Monetization: Subscription Service or Ads
- Technical:
 - Implement a Recommender System for Similar Music
 - Optimization: More cost effective, faster running time
 - Improvement of UI with A/B Testing
 - Fine tuning of Model



Conclusion & Make Takeaways

- Mission: Find musical inspiration with the power of AI
- Product allows user to input a prompt and get a musical sample as the output
- Further functionality to be implemented when more funding is raised
- Will provide substantial benefit to aspiring music producers of all backgrounds and levels





Thank You

