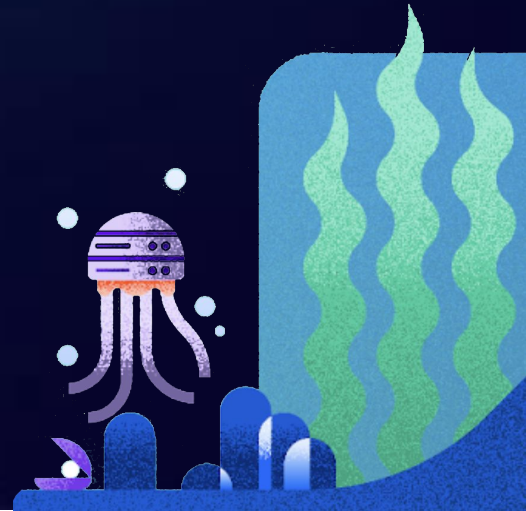
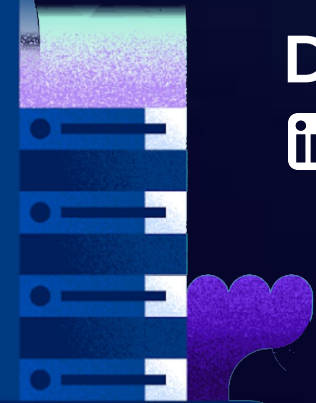


The Sound of Innovation

Why Voice Cloning Will Refined Human-Computer Interaction

David vonThenen

     [@davidvonthenen](https://twitter.com/davidvonthenen)



David vonThenen

- Are you Human or an AI?
- I want 5 Kubernetes
- Virtual Machines are Real
- Cloudy, cloudy, cloudy...
- There is storage for that!

     [@davidvonthenen](https://twitter.com/davidvonthenen)



Agenda

- **Voice Cloning Will Be Huge**
 - **Explore the Use Cases**
 - **Don't Just Bring It, Sing It**
- **Q&A**

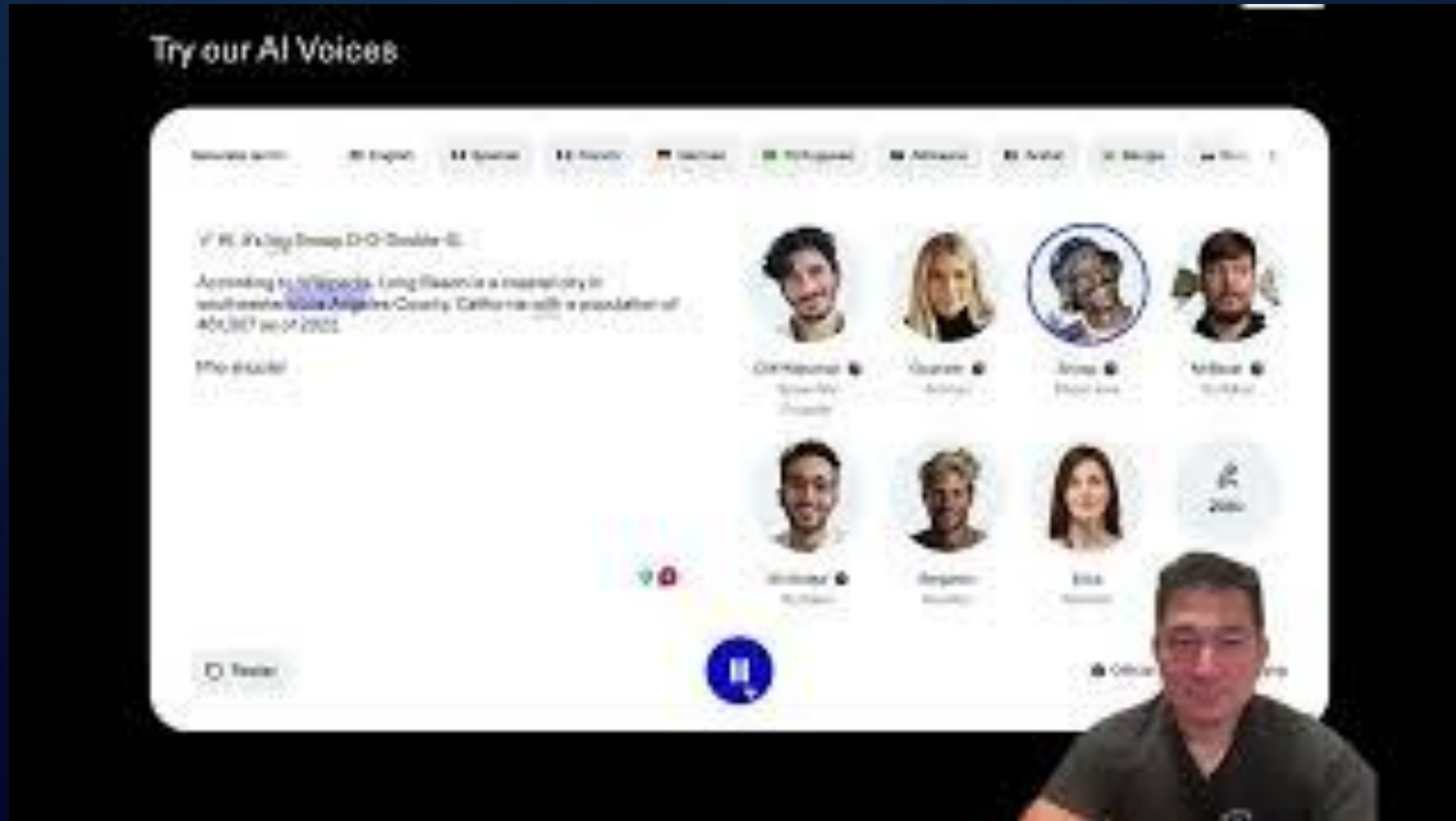
Exploring Use Cases



Voice Assistants



Obviously... This Is Better



Call Center, Support, etc

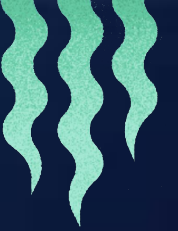


Conan O'Brian Show: <https://www.youtube.com/watch?v=YKT7bx-fmtk>

Uuugh... A Robot Call

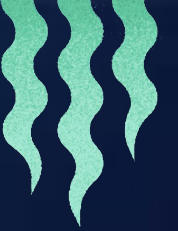


Last Week Tonight with John Oliver: https://www.youtube.com/watch?v=FO0iG_P0P6M



Why Mimic Myself?



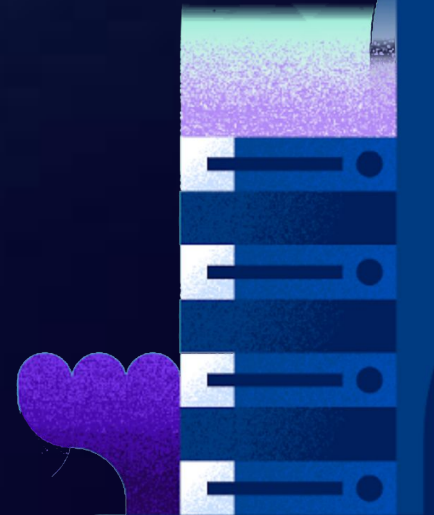
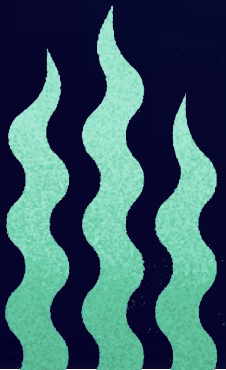


Voices Are Brands

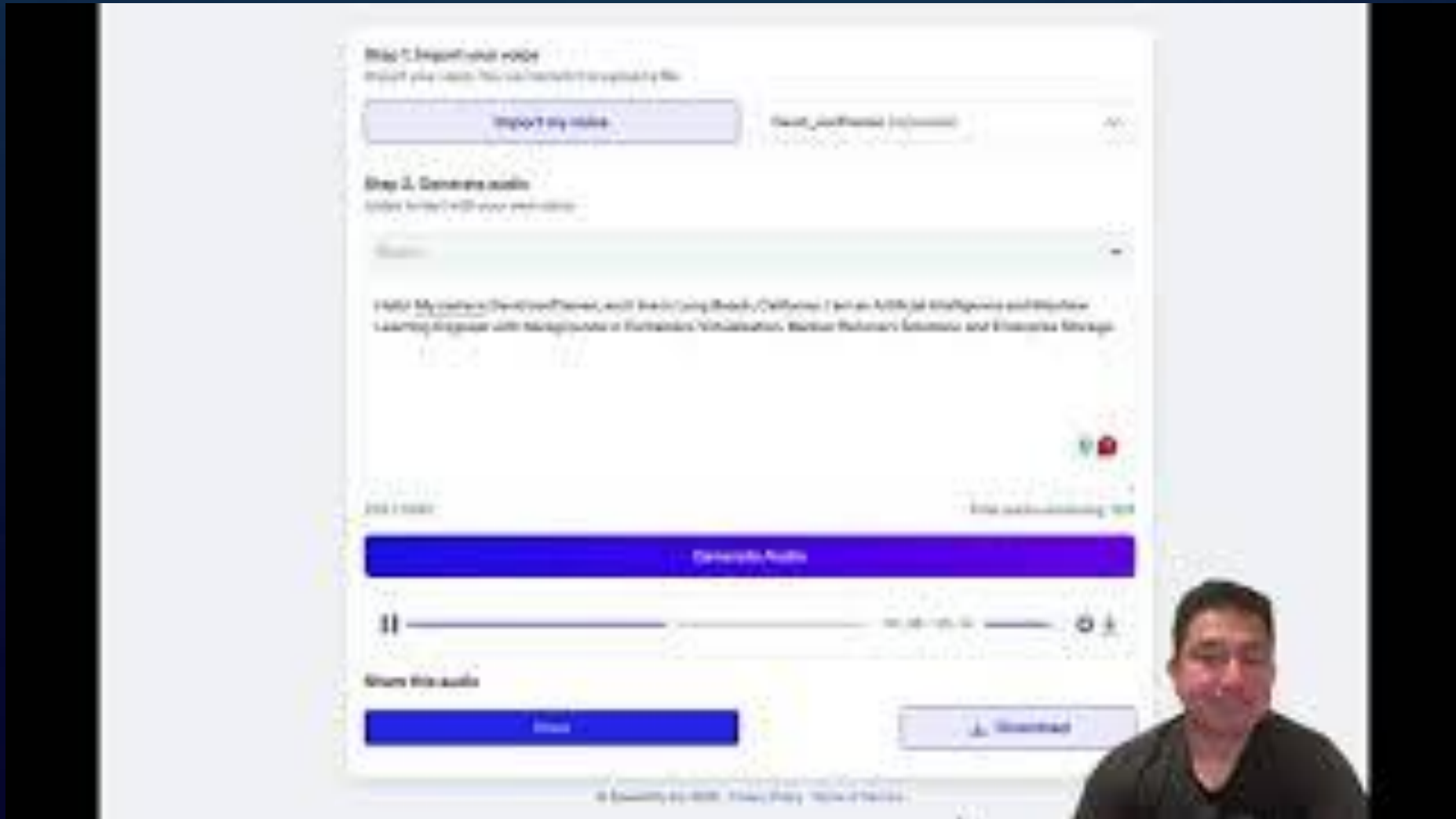


Voice Cloning

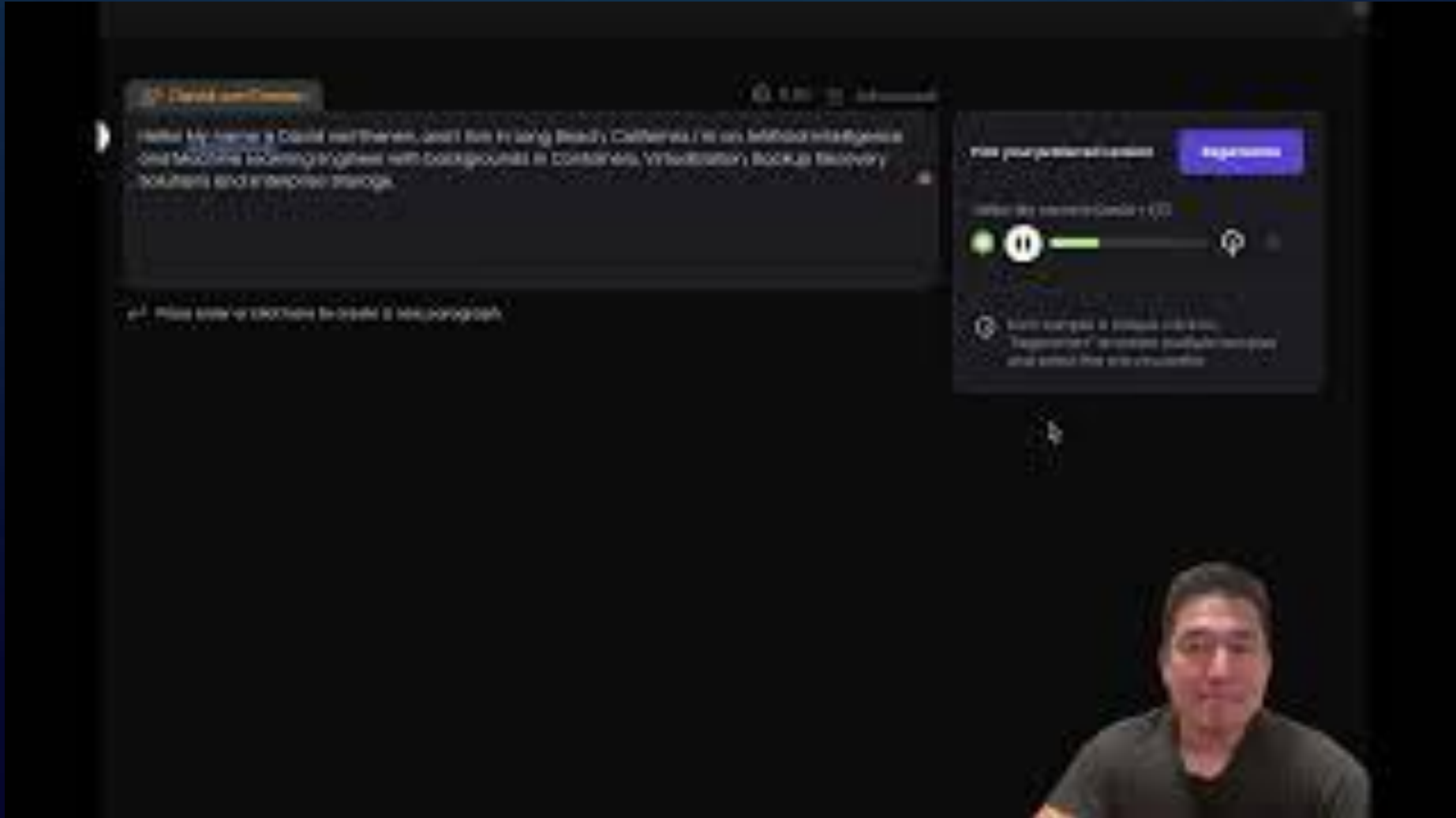
What Matters



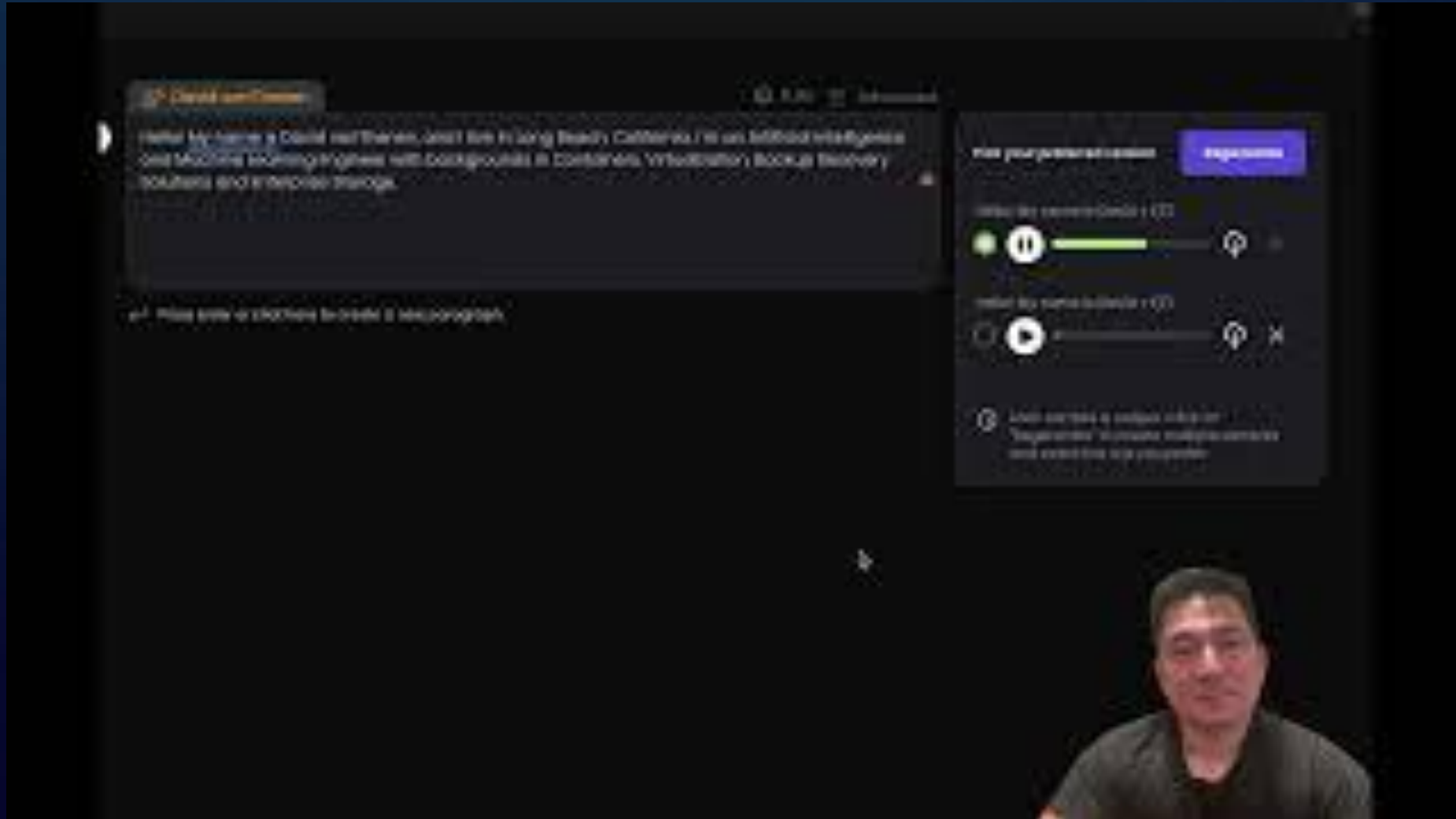
Nice Try



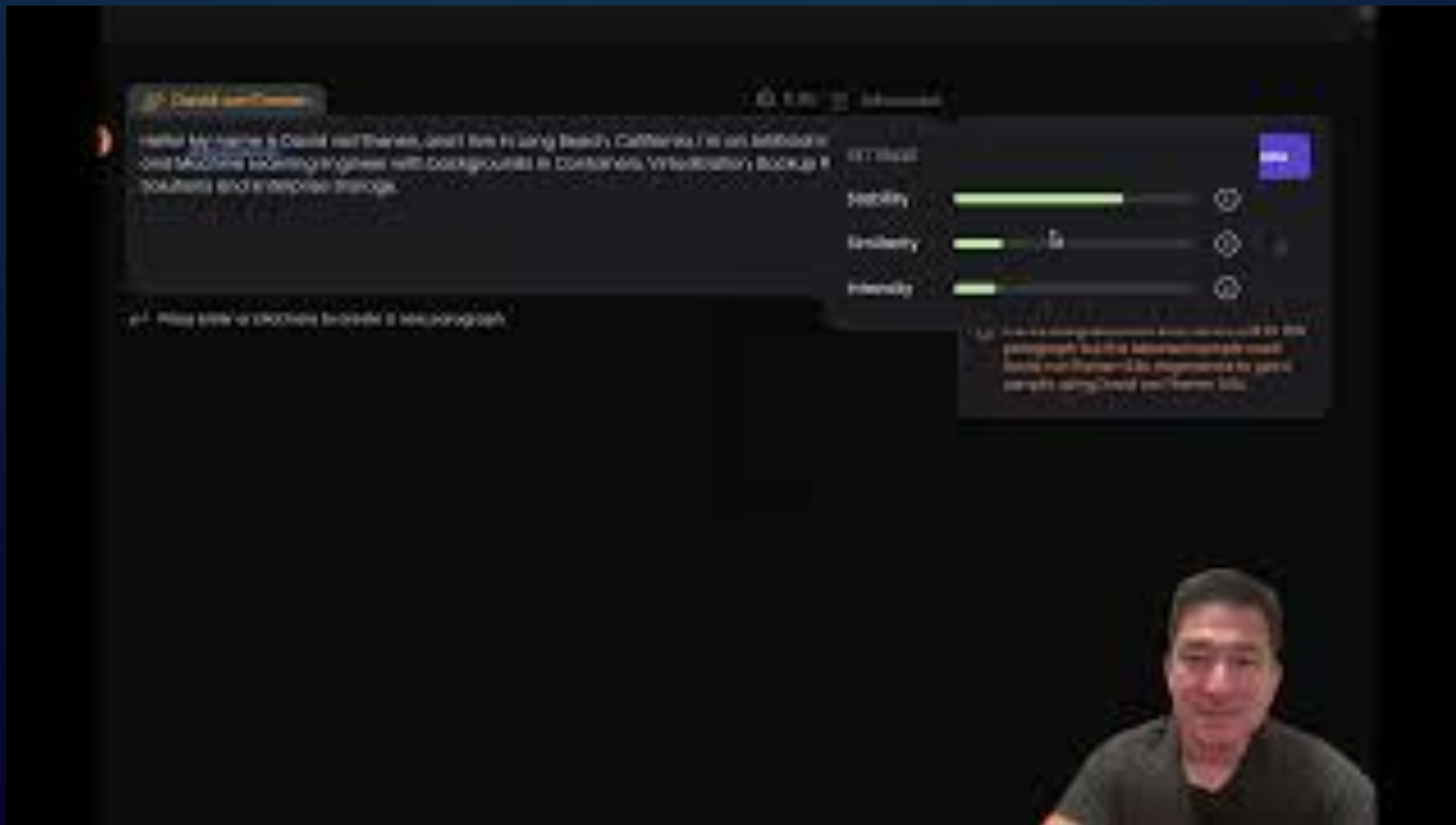
Pretty Good



Really Dang Good



Weaving Myself and My Clone

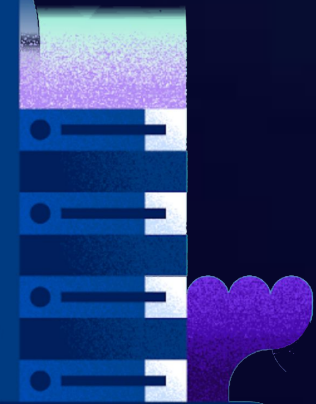


Demo: **My** Voice Assistant



Demo: **My** Voice Assistant

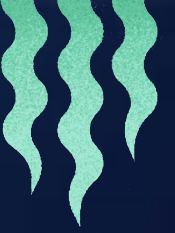
<https://youtu.be/sfEdAO3y5lc>



What Matters...

- Natural Human Sounding Voice is Important
 - It's Engaging Or At Least, Not Off Putting 😊
- Good Voice Clone Is Important When:
 - Content Creators, Influencers, etc
 - Branding Matters
 - Automating Yourself <– My Use Case
- Human-Like Intonation and Speech Patterns Required
 - Pausing to Emphasize Right Things
 - Speed, Pitch, etc All Important

Resources



[\[CLICK HERE\]](#) for All Materials and Demos in this Session

DigitalOcean GenAI Platform

- <https://docs.digitalocean.com/products/genai-platform/>

Open Source:

- NVIDIA NeMo – <https://github.com/NVIDIA/NeMo>
- F5-TTS – <https://github.com/lpscr/F5-TTS>

Voice Platforms:

- PlayHT – <https://play.ht/>
- ElevenLabs – <https://elevenlabs.io/>
- Speechify – <https://speechify.com/>
- OpenAI TTS – <https://platform.openai.com/docs/guides/text-to-speech>



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David vonThenen
Senior AI/ML Engineer

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Thank You!

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