Google Cloud Vertex Al Hackathon

Convo Al

Your conversation assistant who facilitates dialogues and seamless completion of conversational tasks.



TEAM









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THE PROBLEM

Individuals with communication difficulties may face limitations in effectively engaging in verbal conversations. These factors hinder inclusivity, independence, and effective communication for these user groups.



ADHD

Adult attention-deficit/hyperactivity disorder (ADHD) face difficulties in retaining key points or unable to actively engage in conversation



Introvert

Introverts may experience discomfort or anxiety when engaging in verbal communication.



Hearing-impaired

People who have little or no functional hearing face challenges in understanding spoken language during phone calls, lack of real time feedback.



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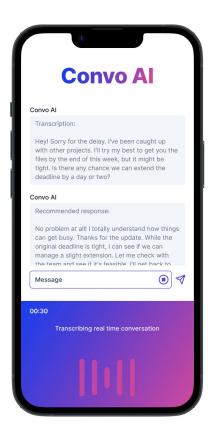
PRODUCT DEMO

<u>Demo</u>

OUR SOLUTION

ConvoAI harness the power of AI helping individuals with recommended responses, answering conversations, and post-call summaries.

- **PaLM 2** interprets users' requirements and manages phone interactions, enabling the application to perform tasks autonomously.
- **Google Speech-to-Text** transcribes users' spoken input into text, thus allowing PaLM 2 to understand and process the users' needs accurately and efficiently.
- **Google Text-to-Speech** takes the system's text responses and converts them into speech, making the application more accessible and inclusive.



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OUR SOLUTION

Features

- <u>Next.js</u>
- <u>shadcn/ui</u>
 - Styling with <u>Tailwind CSS</u>
 - Radix UI for headless component primitives
 - Icons from Lucide Icons
- <u>Zod</u>: TypeScript-first schema validation with static type inference
- **Zustand Bear** necessities for state management in React
- <u>framer-motion</u>: Complete documentation of the Framer Motion animation library. A production-ready motion library for React.

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POSITIVE IMPACTS

- Improved focus, organization, and communication for ADHD individuals.
- Increased accessibility for individuals with hearing impairments.
- Promotion of inclusivity and equal communication opportunities.
- Enhanced self-expression and active participation.
- Reduced anxiety and improved mental well-being during phone interactions.

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MARKET OPPORTUNITY

Ed Tech

