VoiceBit Created by Diego F Cruz

What is VoiceBit?

VoiceBit is a real-time voice analyzer created by Diego Fernando Cruz. It transforms audio blocks into a unique binary acoustic signature, identifying human emotions such as joy, anger, sadness, anxiety, screams, and laughter accurately and efficiently.

Where can it be used?

- In medical systems (speech therapy, autism, anxiety)

- In forensic applications (voice recognition, emotional shifts)

- In call centers and customer service (monitoring client voice states)

- In robots, assistants, and AI systems that respond to human emotions

- In education, therapy, and non-verbal communication assistance

Why is it special?

- Runs 100% offline, no internet needed

- Works on low-spec computers

- Ethical and auditable

- Lightweight, fast, and requires no GPU

- Can be integrated with lightweight AI (SVM, decision trees, neural nets)

- Generates binary data for machine learning training

Can it be used with Artificial Intelligence?

Yes! VoiceBit can be trained with AI algorithms such as SVM or lightweight neural networks using its binary signature. These binary patterns help AI learn emotions, vocal age, gender, and even detect voice manipulation.

Built with love

VoiceBit was created by Diego F Cruz as a gift and legacy for his son Victor, who is autistic. The system was designed with ethics, efficiency, and love, so anyone can use it locally and with a human purpose.