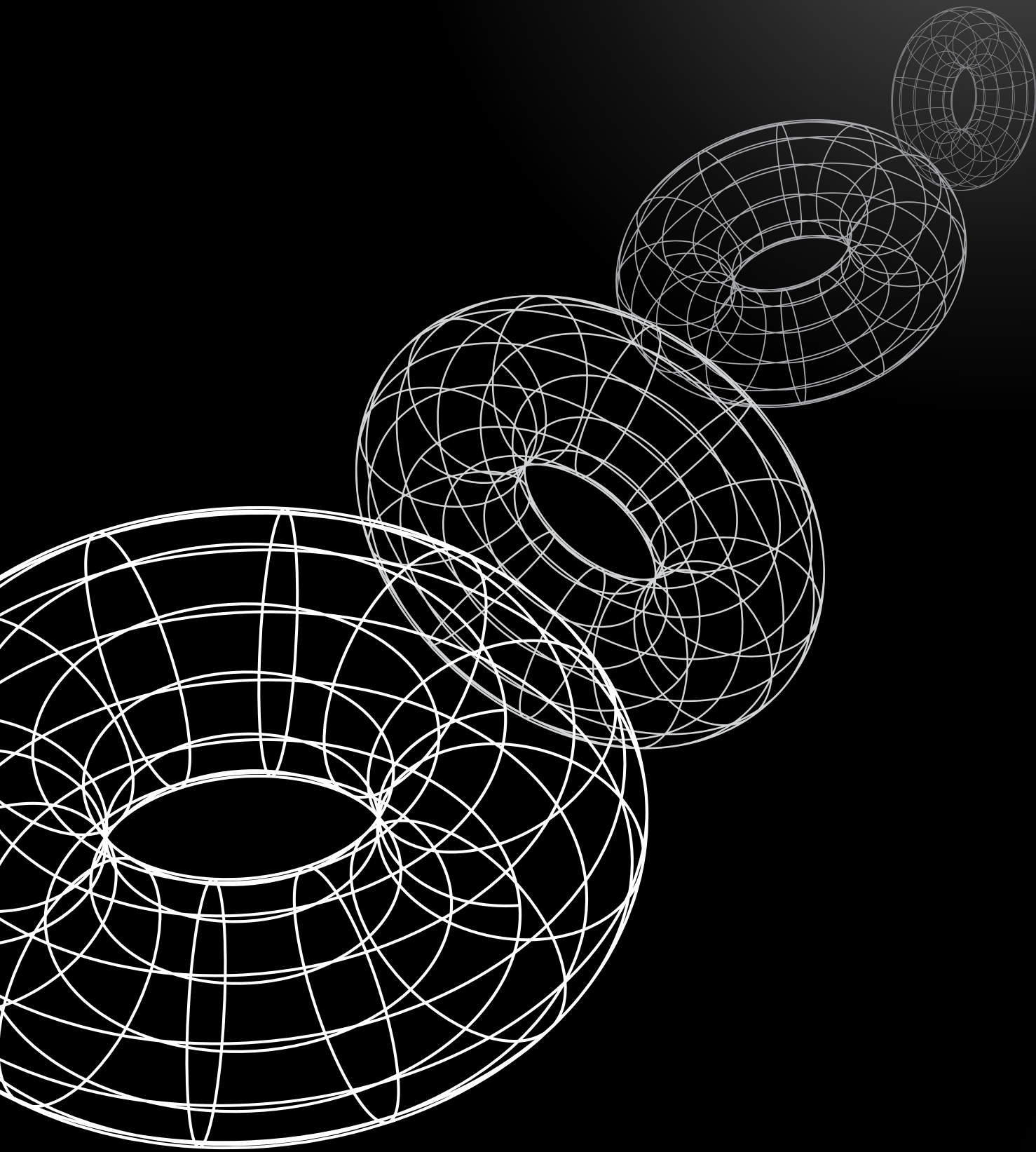




# **REAL - TIME AI VOICE AGENTS**

*SHARAN KUMAR R*

# WHAT WE ARE GONNA DO



*RIMBERIO COMPANY*

# REVISIT - LEARNING

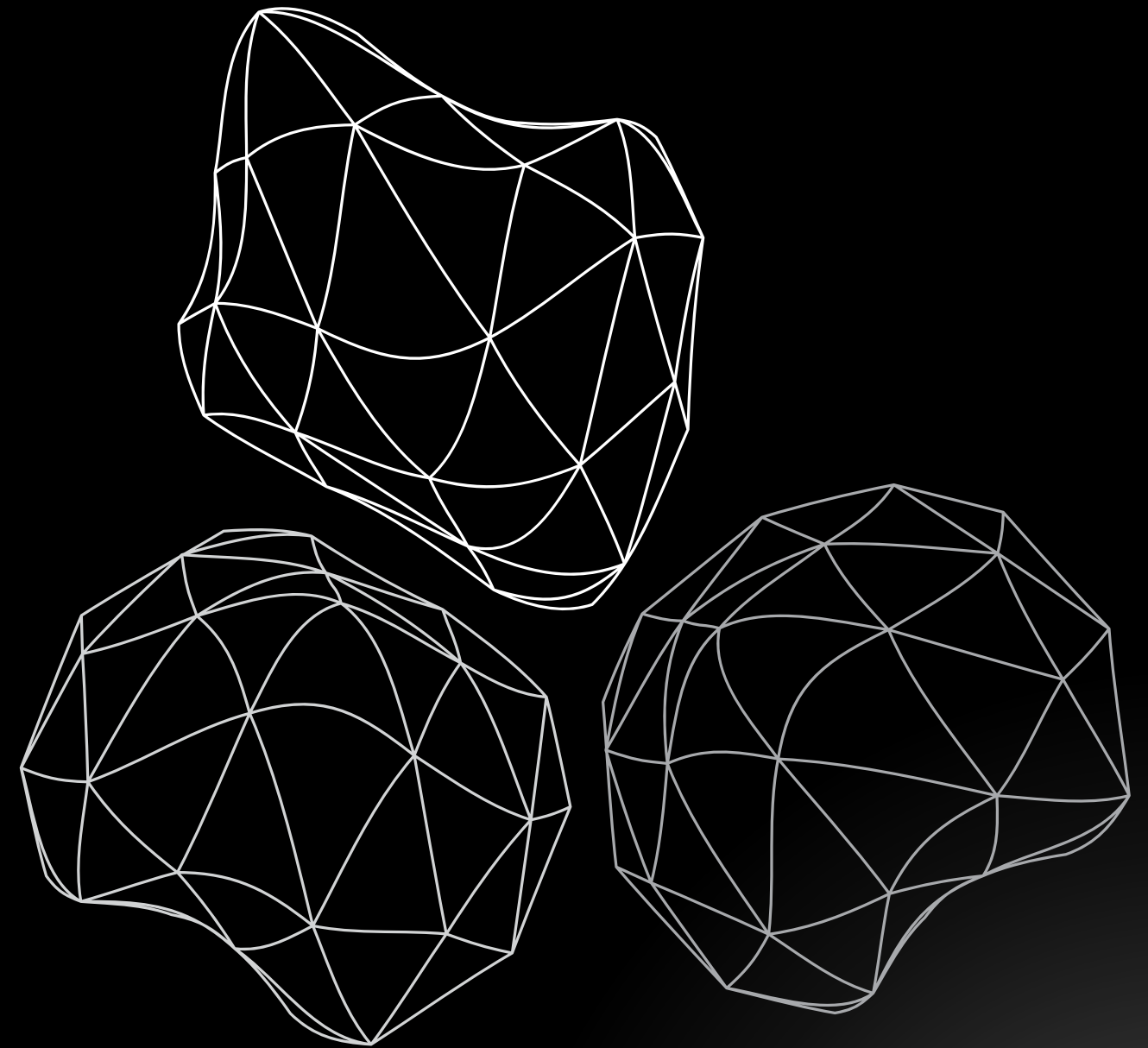
LLM

TTS

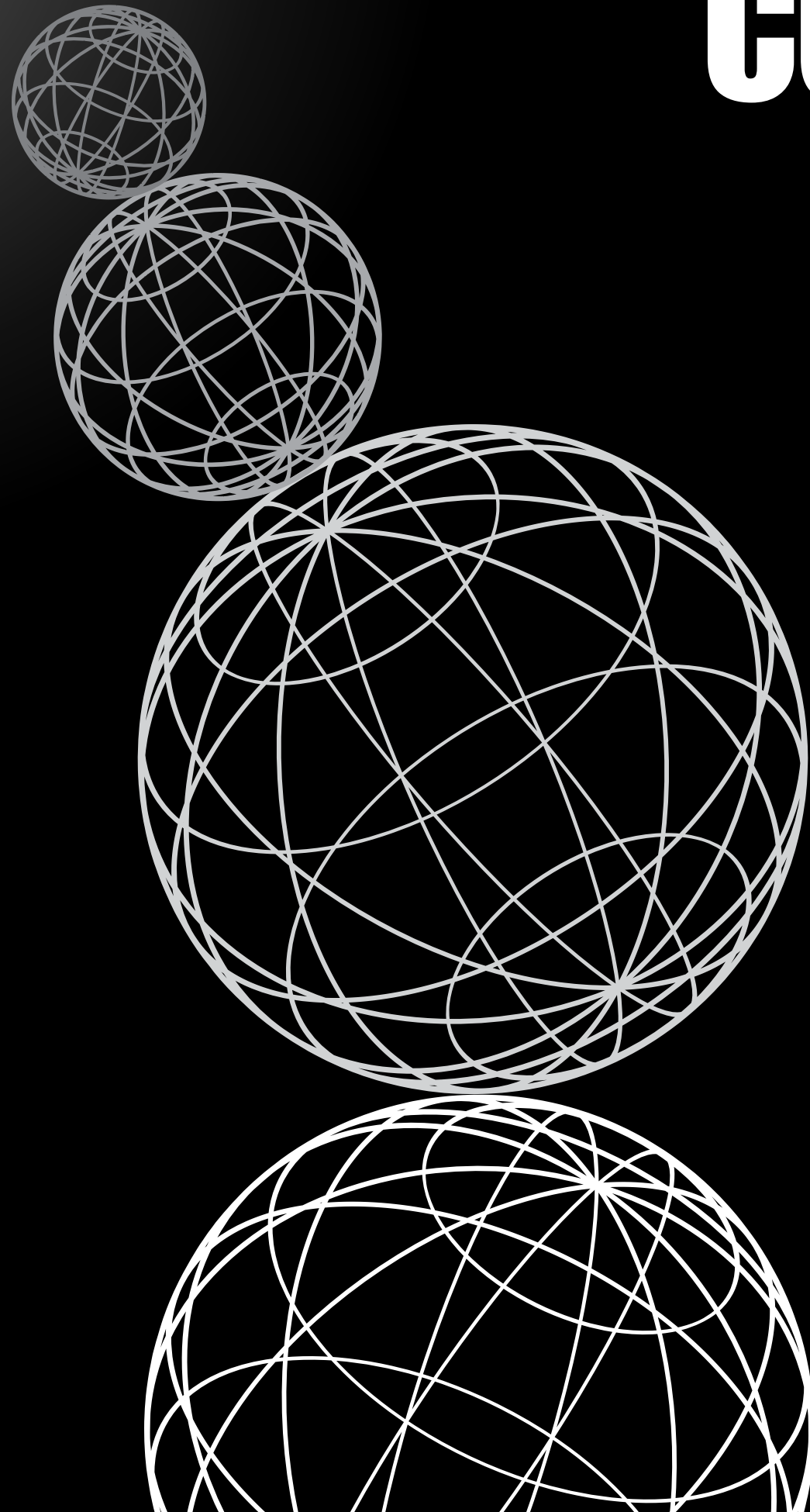
STT

Chat Bot

Voice Bot



# COMPLEX IMPLEMENTATION



This multi-channel AI assistant platform lets businesses deploy customizable AI agents for voice calls and WhatsApp. Administrators manage specialized assistants (customer service, orders, support) via REST API, while customers interact through phone or WhatsApp. Built with Flask, Twilio, and Google Gemini, it features conversation memory, dynamic menus, and business workflow integration like order management.

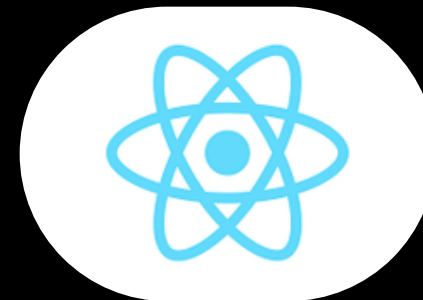




Ai Assistant



Database



React

Front end

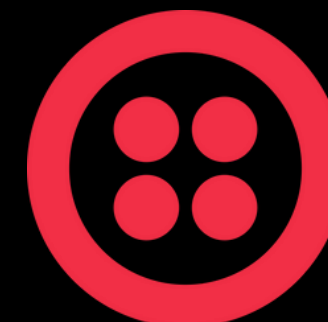


Flask

Backend

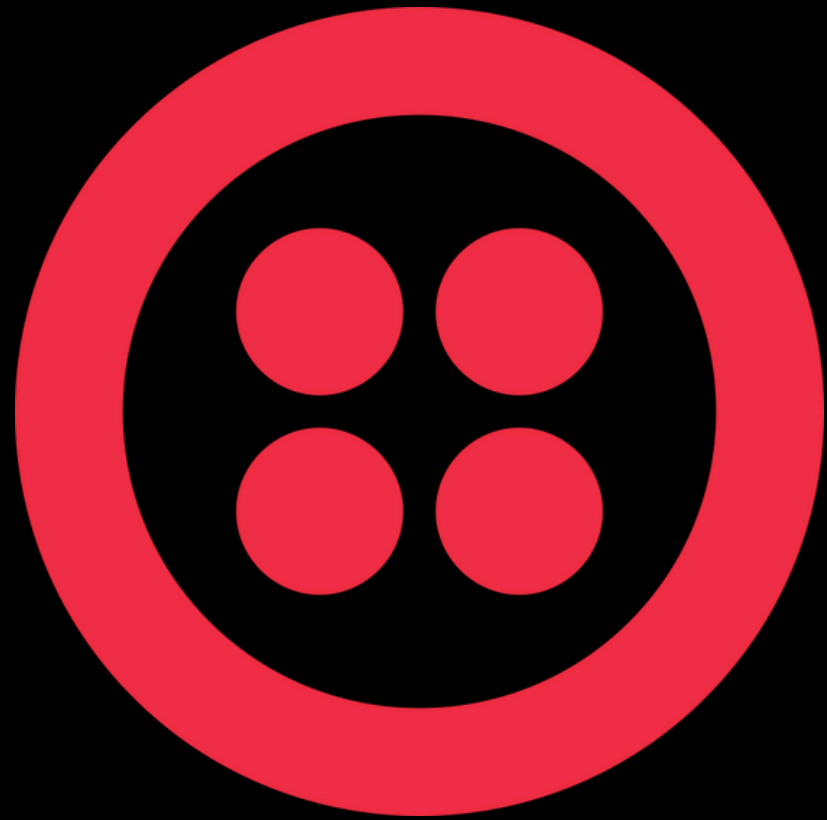
Gemini

THE BRAIN – LLM



Twilio





Twilio





Twilio

# Twilio LINK



completed, 10:22:49 PM  
**To:** +918825483994 **From:** +16054606587  
**SID:**  
CA9370ab63f3c7172c63d2d5ad74497c3c

completed, 10:25:02 PM  
**To:** +918825483994 **From:** +16054606587  
**SID:**  
CA9d31edfdc17cf806936a167301e6cb8c

< Hide Call History

+91 8825483994

• Destination Number

● ready for calls

123

456

789

\*0#

You are all set

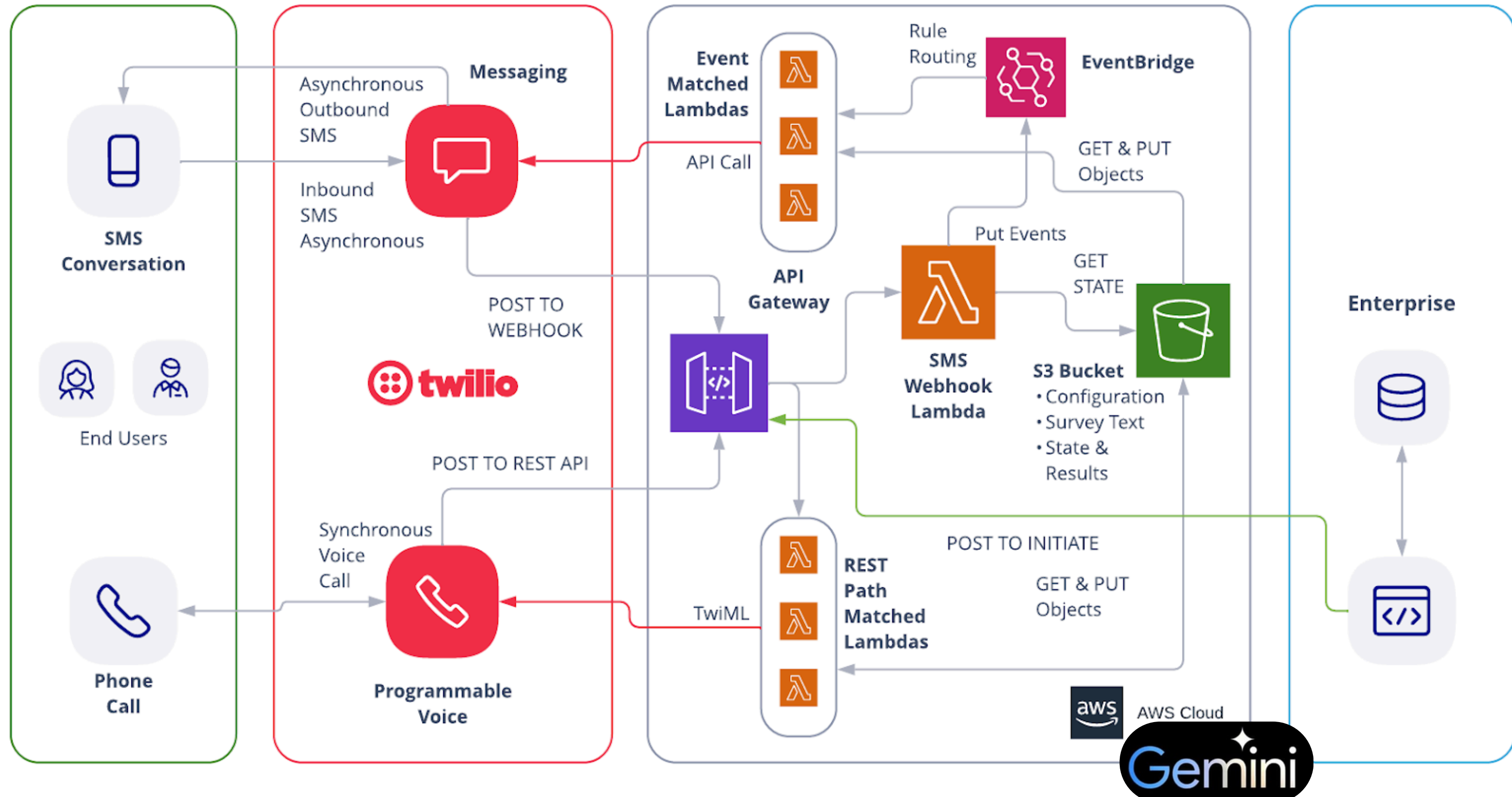
Your Dev Phone is ready to be used. Any messages you send or receive will show up here. Enter a destination phone number and start sending your first messages. Alternatively send an SMS from your own device to +16054606587.

Call

• Message

> Send

## Build an Interactive Serverless Applications using Twilio Voice and Messaging Channels







*Ahoy!*

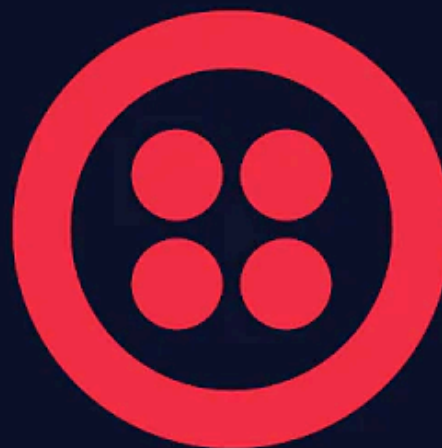
Inbound SMS



Outbound SMS



*Hi!*



From: +14155555555

To: +16518675309

Body: Ahoy!

HTTP Request



HTTP Response



Your App

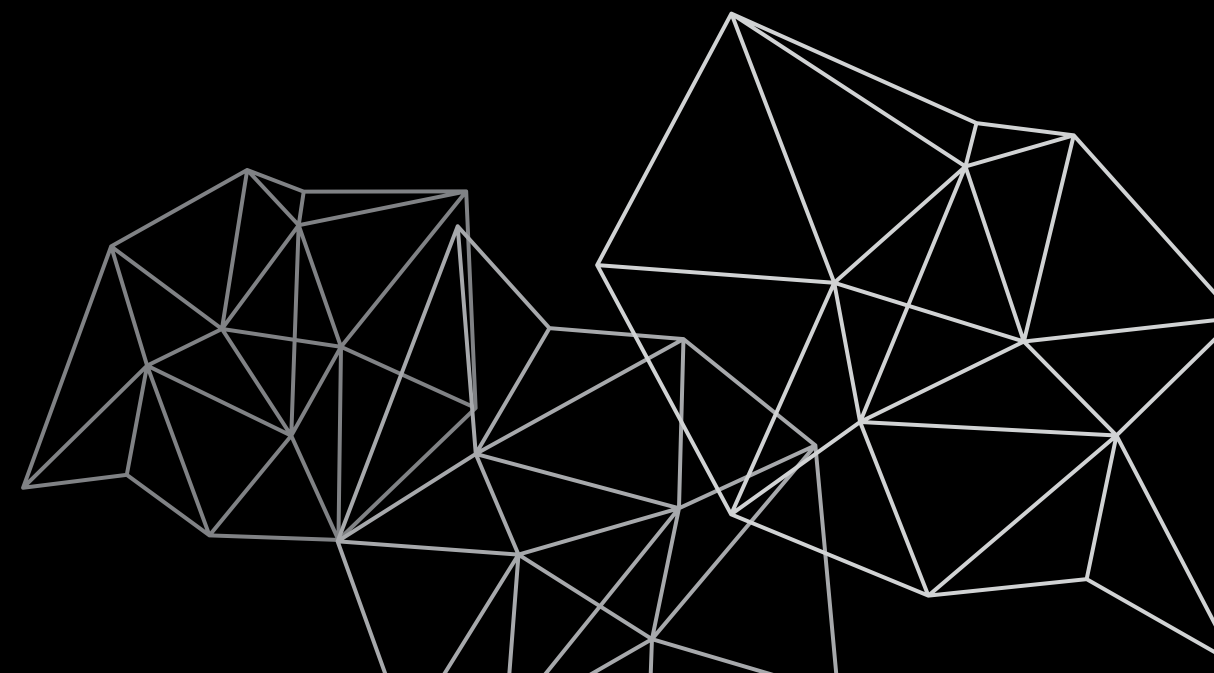
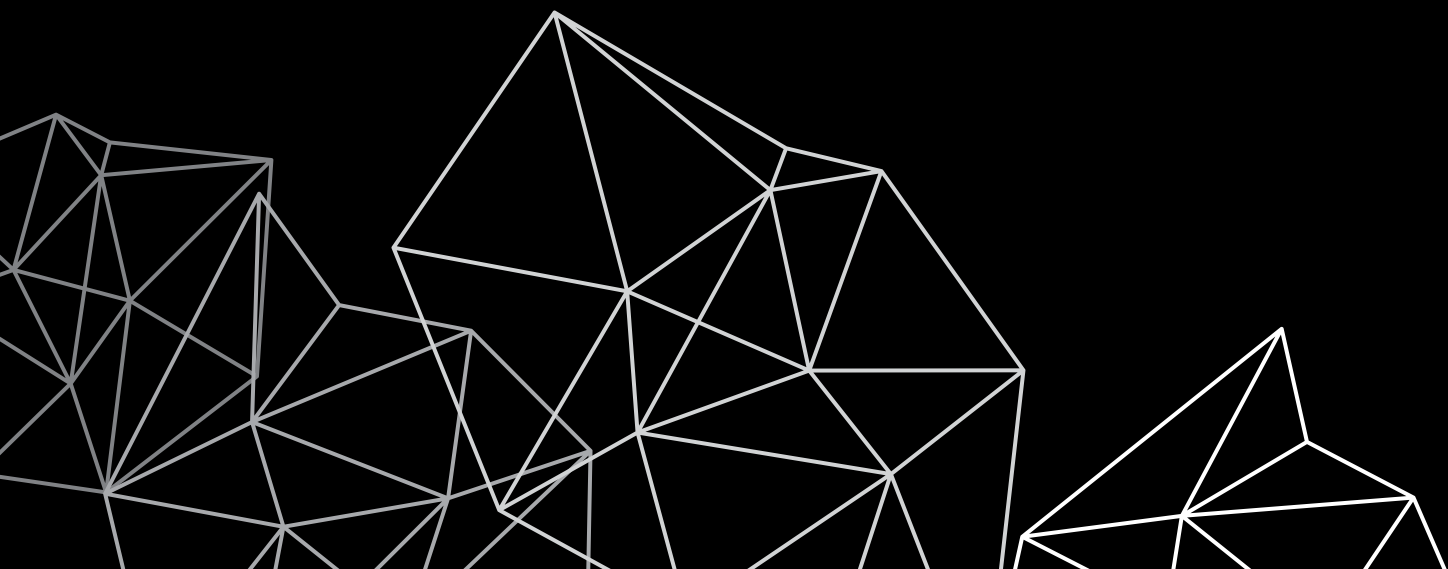
```
<Response>
```

```
  <Message>Hi!</Message>
```

```
</Response>
```



# **MAKING PHONE CALL VIA PHONE**



# Final Product

## Woice

### Sign into your account

SIGN IN WITH

Email

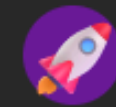
Password



➔ Sign in

Don't have an account? [Sign up](#)

[Forgot your password?](#)



#### App Updates

🌟 **New Feature Alert!** We've completely redesigned our dashboard analytics with interactive charts, customizable metrics, and real-time data processing. Explore the new visualization options and export capabilities to gain deeper insights into your usage patterns and performance metrics.

Ask AI ?

AI Assistants

+ Create Assistant

Search assistants...

MedicalBot



JobRecruiterBot



EducationBot



Drive-Thru



Create New Assistant

Assistant Name:

e.g., Customer Support Bot

Assistant Prompt:

Describe the assistant's role, personality, and instructions...

Create Assistant

Voice Agent (EA)

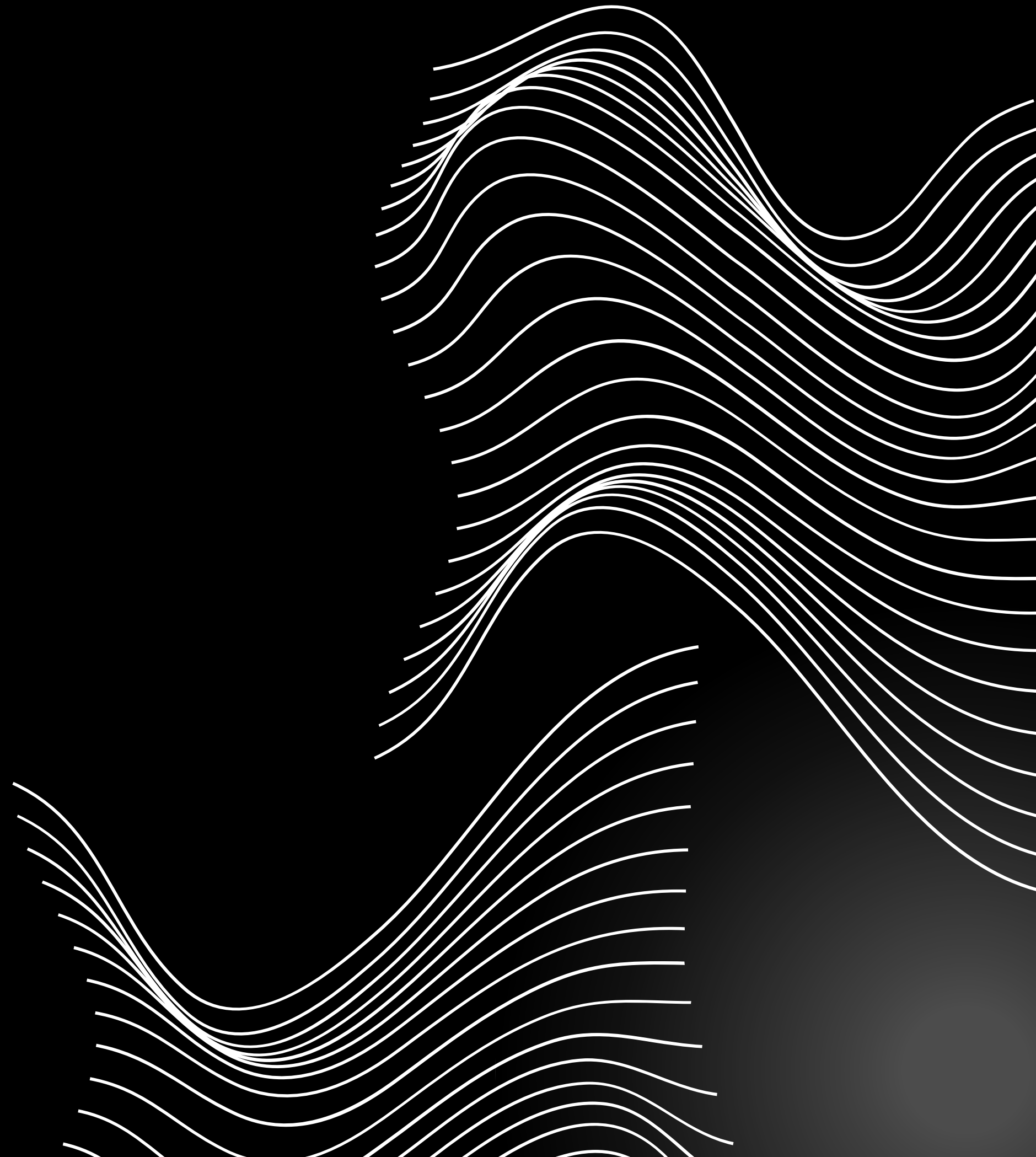
Speech to Text

Text Intelligence

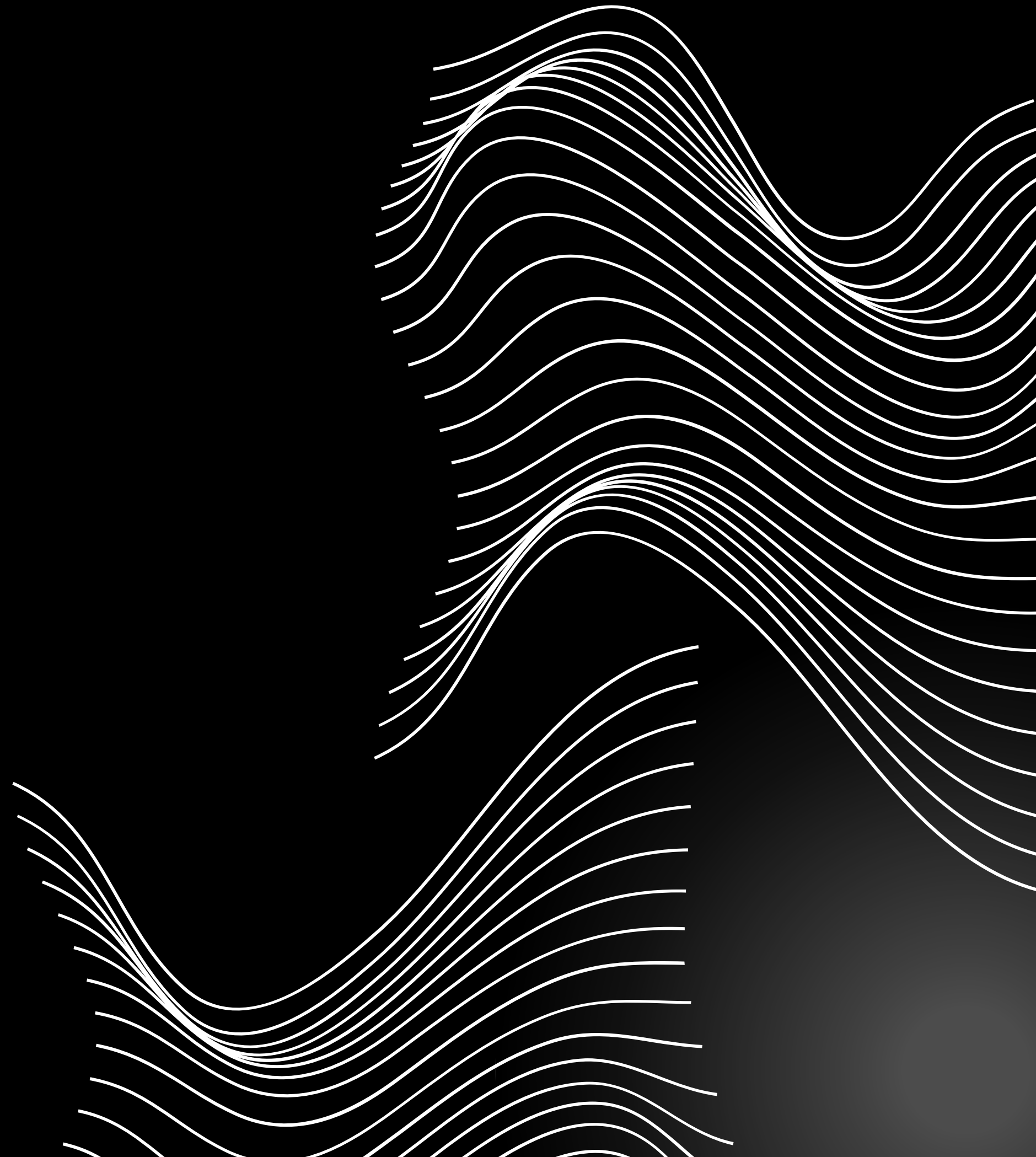
Text to Speech



**UR TURN**



**Q/A**



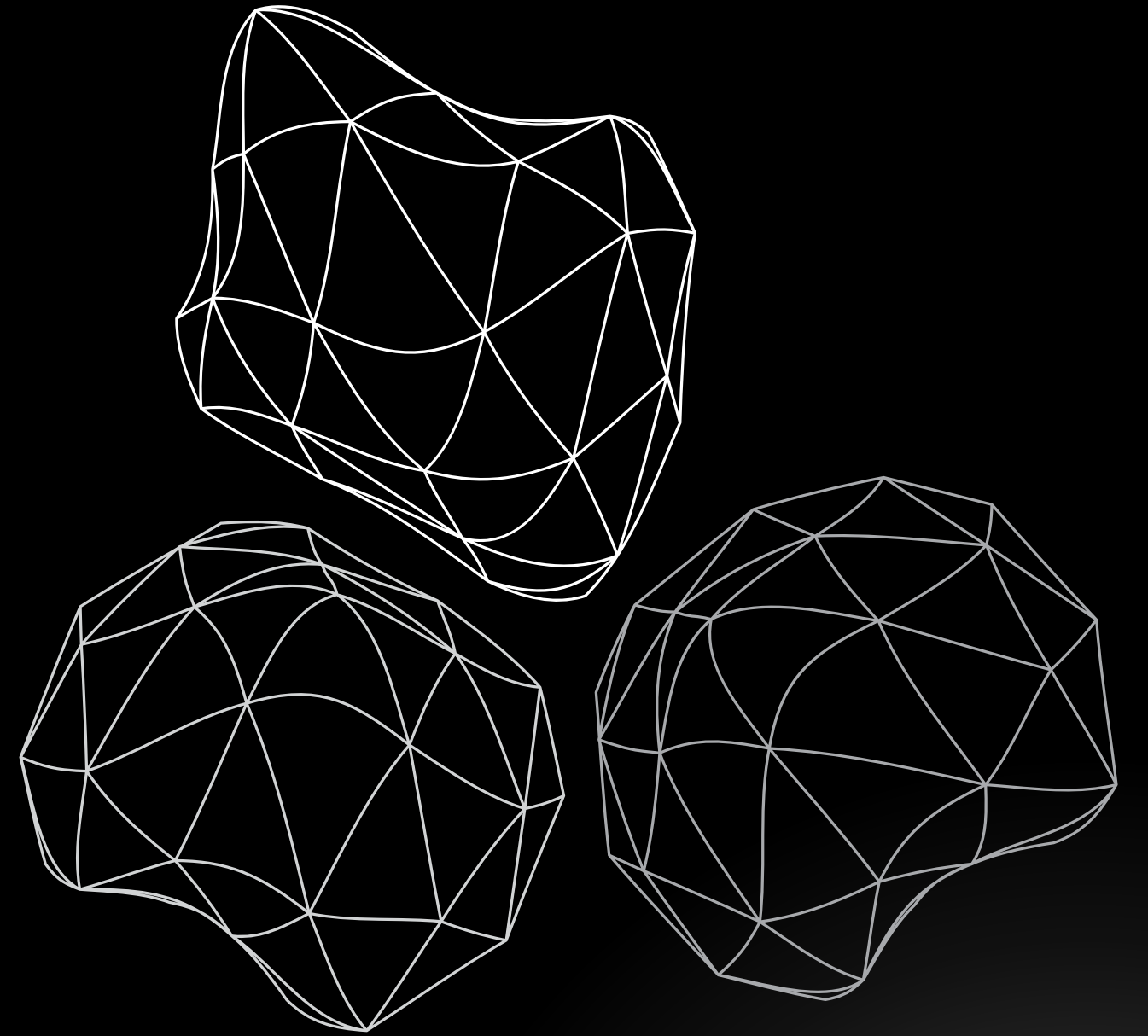
# TO THE END

*THANK YOU ALL .....*

*EMAIL : SHARANKUMARJL723@GMAIL.COM*

*PHONE : +91 9344780554*

*LINKEDIN : [HTTPS://WWW.LINKEDIN.COM/IN/SHARAN-KUMAR-R-1BA00124B/](https://www.linkedin.com/in/sharan-kumar-r-1ba00124b/)*



The background is a dark gradient with intricate white line art. On the left, a series of concentric, wavy lines form a shape reminiscent of a stylized leaf or a wing, extending from the bottom left towards the center. On the right, another set of similar wavy lines curves upwards from the top right towards the center. The overall effect is a sense of movement and organic form.

**THANK YOU**