HOLOMORPHIX
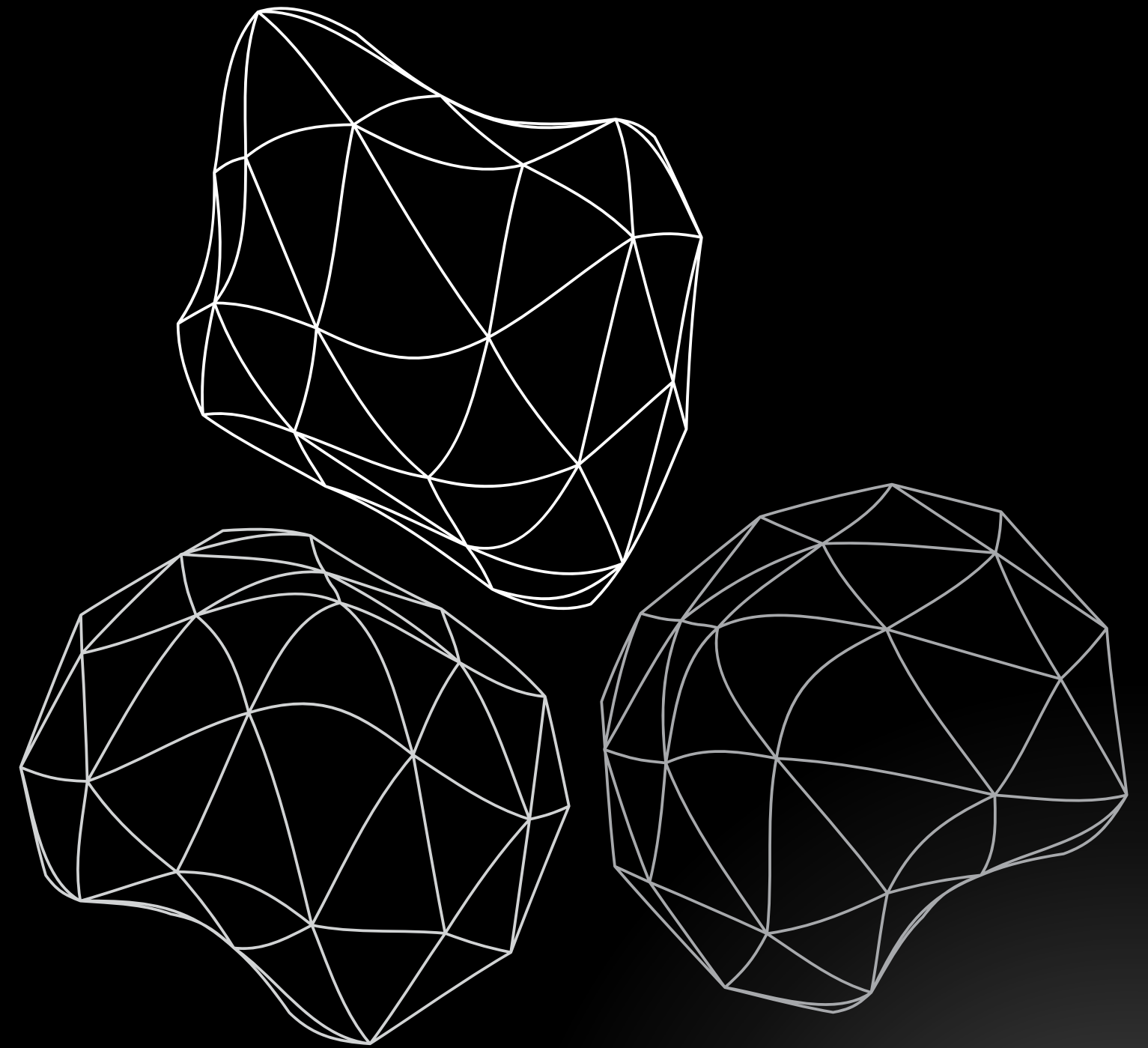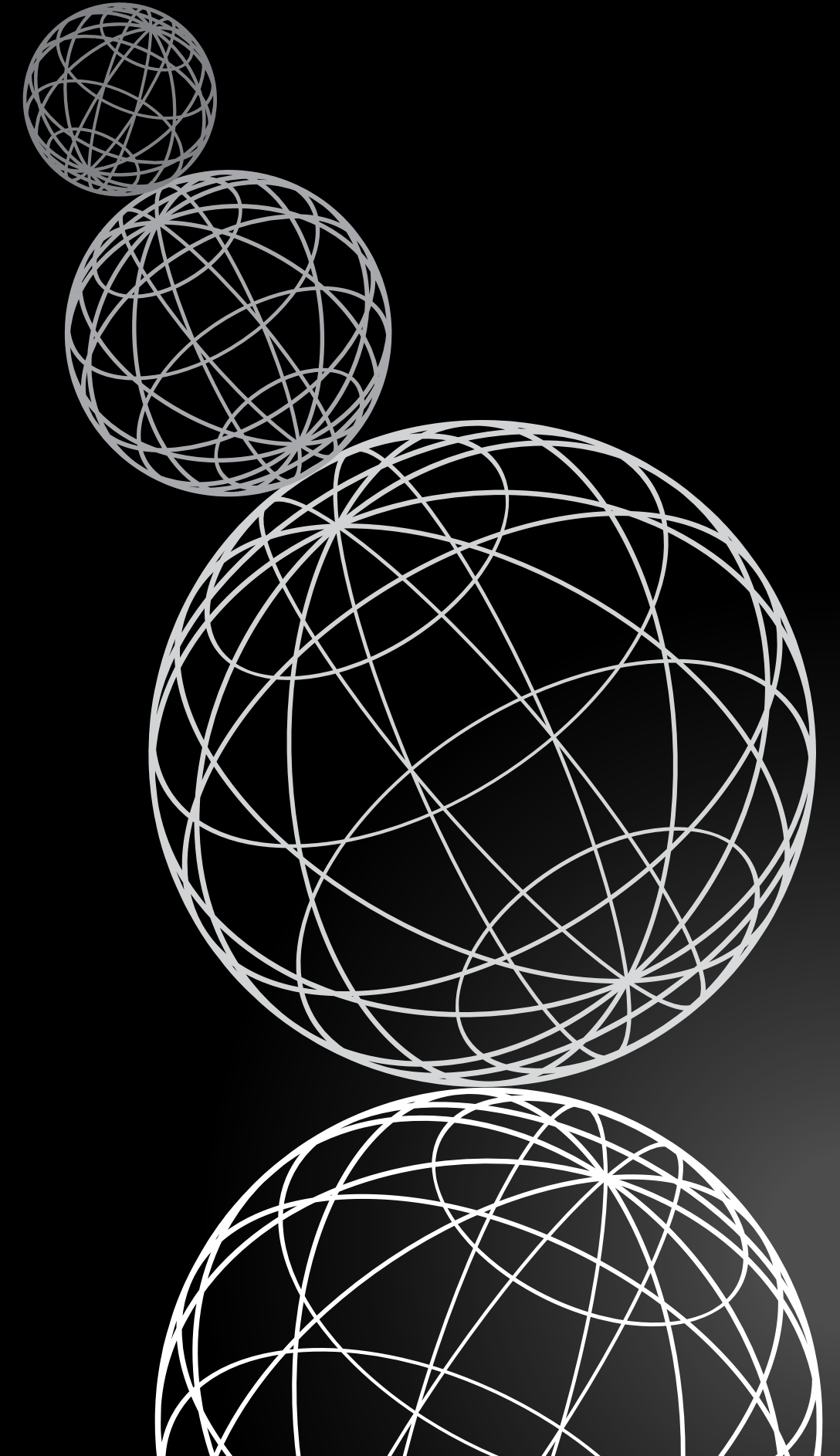
WHO WE ARE

At Holomorphix, we don't just build apps or games we engineer experiences of the future. From AAA-quality games to metaverse-ready AR/VR worlds, from blockchain-powered economies to AI-driven solutions, we are shaping how humans interact with technology.

We are creators, dreamers and problem-solvers who turn futuristic ideas into real, immersive and scalable products.

OUR VISION

To become a global powerhouse of innovation, creating immersive, intelligent and interactive technologies that redefine industries and everyday life.
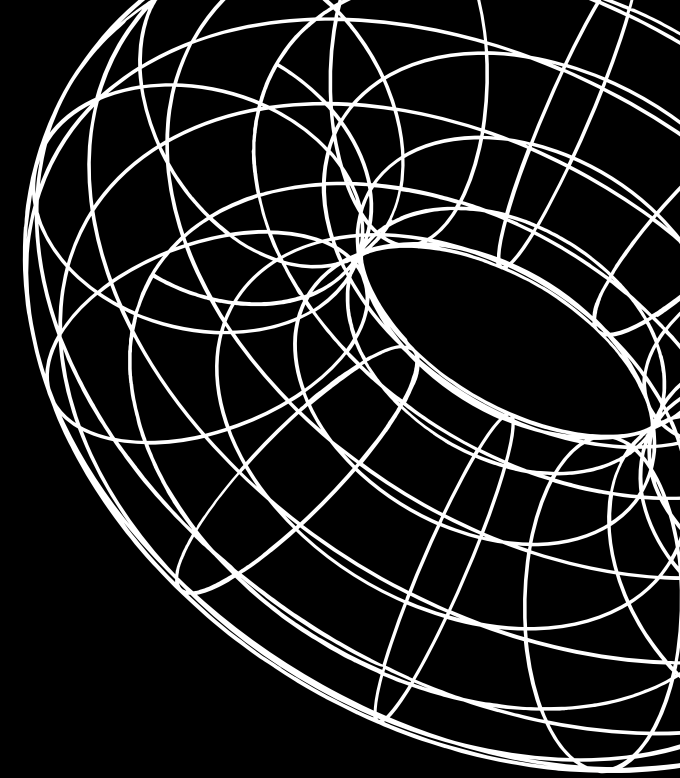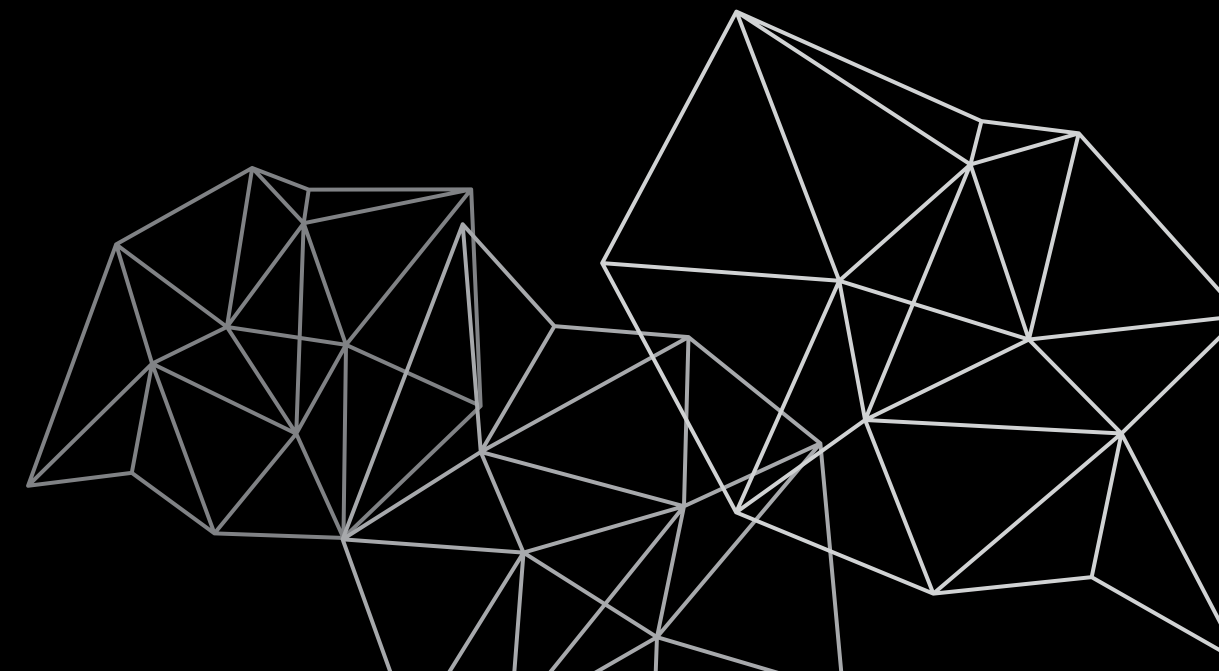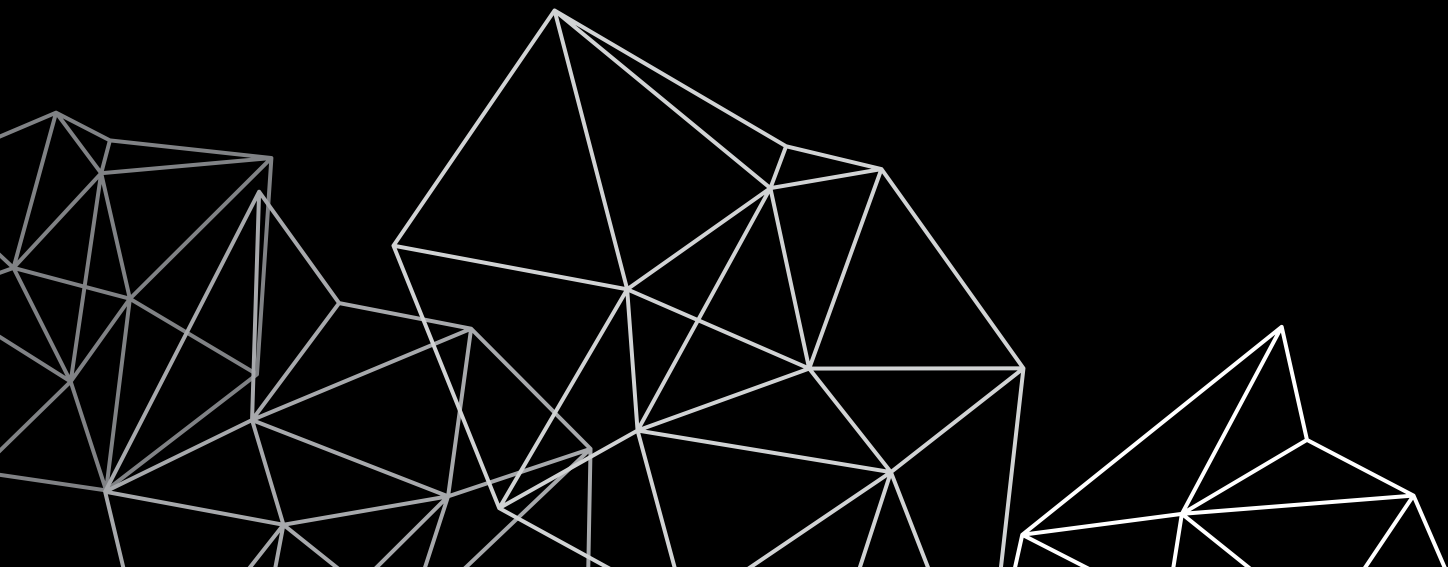
OUR MISSION

- To design playable worlds that merge creativity with technology.
- To bring blockchain, AI and gamification into businesses of tomorrow.
- To empower brands with next-gen digital transformation.

CORE SERVICES

◆ Game Development – Console-grade 2D/3D games, multiplayer, gamification for businesses.

◆ Blockchain & NFT Gaming – Play-to-earn ecosystems, NFT-based economies, metaverse assets.

◆ AR/VR Solutions – Training, simulations, interactive storytelling, virtual showrooms.

◆ AI/ML Development – Smart apps, predictive engines, automation, conversational AI.

◆ Mobile App Development – Cross-platform apps that scale with your business.

◆ Web Development – SaaS platforms, e-commerce systems, cloud-powered apps.

◆ Gamification – Engagement strategies, loyalty systems, gamified enterprise tools.

OUR TECH STACK

GAME ENGINES & TOOLS

- Unity, Unreal Engine, Godot
- Photon, Mirror Networking, PlayFab
- FMOD, Wwise (Audio Middleware)
- Spine, DragonBones (2D Animation)

AR/VR & METAVERSE

- ARCore, ARKit, Vuforia, Wikitude
- WebXR, OpenXR, MRTK (Mixed Reality Toolkit)
- Oculus SDK, SteamVR, OpenVR,
- Niantic Lightship, Snap Lens Studio

BLOCKCHAIN & WEB3

- Solidity, Rust, Go (Smart Contracts)
- Ethereum, Polygon, Binance Smart Chain, Solana, Avalanche
- Hardhat, Truffle, Ganache (Dev Frameworks)
- Web3.js, Ethers.js, Moralis, Alchemy, IPFS, Pinata

AI/ML & DATA SCIENCE

- TensorFlow, PyTorch, scikit-learn
- OpenAI APIs, HuggingFace Transformers
- Keras, Pandas, NumPy, Matplotlib
- LangChain, RAG Systems, Deep Learning models
- Computer Vision: OpenCV, MediaPipe, YOLO, Detectron2

PROGRAMMING LANGUAGES

- C#, C++, Python, Rust, Go
- JavaScript (ES6+), TypeScript, Dart (Flutter)
- Java, Kotlin, Swift (Mobile Native)
- PHP, Ruby, R

FRAMEWORKS & PLATFORMS

- React, Next.js, Angular, Vue.js
- Node.js, Express, Django, Flask, FastAPI
- Flutter, React Native, Xamarin
- Firebase, Supabase, AWS Amplify
- GraphQL, Apollo, gRPC

CLOUD & DEVOPS

- AWS, Google Cloud, Microsoft Azure
- Docker, Kubernetes, Jenkins, GitHub Actions
- CI/CD Pipelines, Terraform, Ansible
- Firebase, Supabase, Netlify, Vercel

DATABASES

- SQL : MySQL, PostgreSQL, MariaDB, MS SQL
- NoSQL : MongoDB, Firestore, DynamoDB, Cassandra
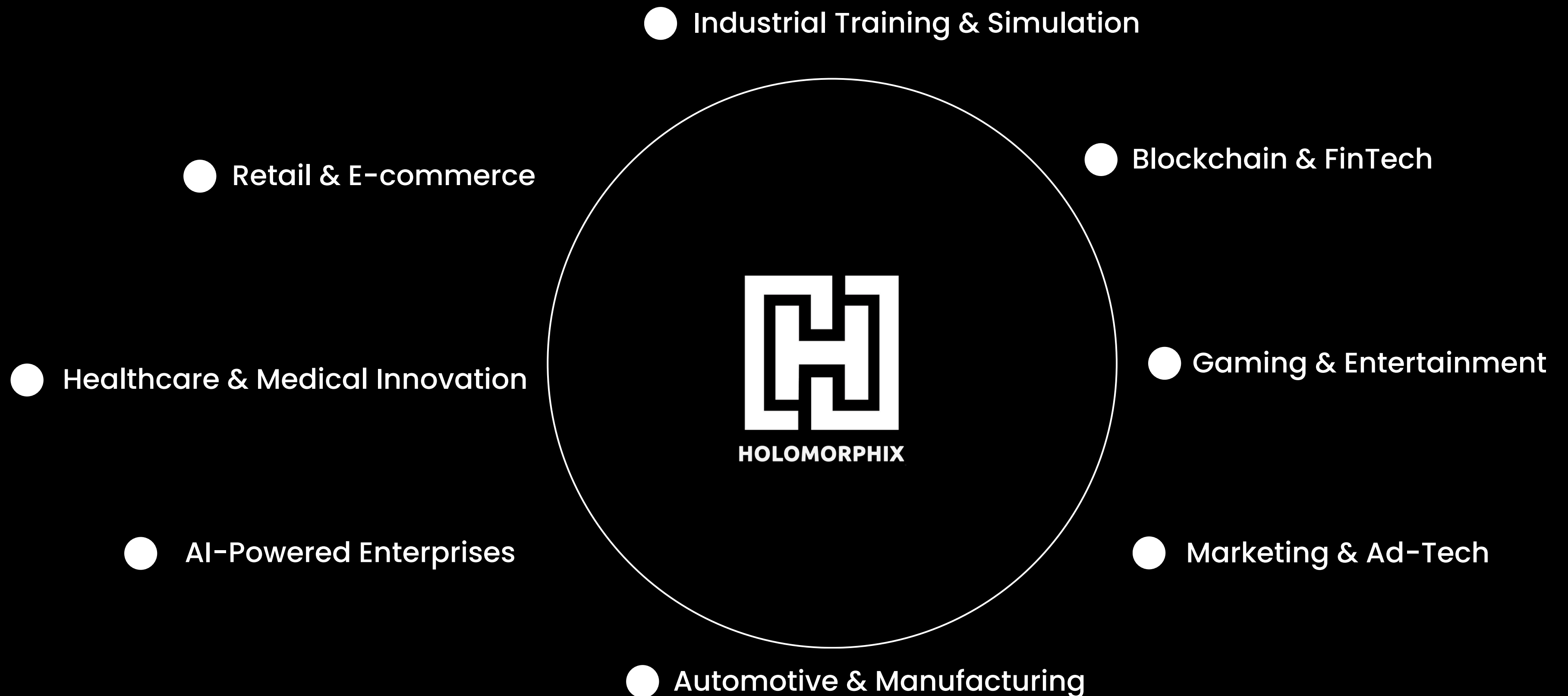- Graph : Neo4j, Dgraph
- Redis, Elasticsearch

CREATIVE & DESIGN TOOLS

- Blender, Maya, 3ds Max, Cinema4D
- ZBrush, Substance Painter, Quixel Megascans
- Figma, Sketch, Adobe XD
- Photoshop, Illustrator, After Effects, Premiere Pro

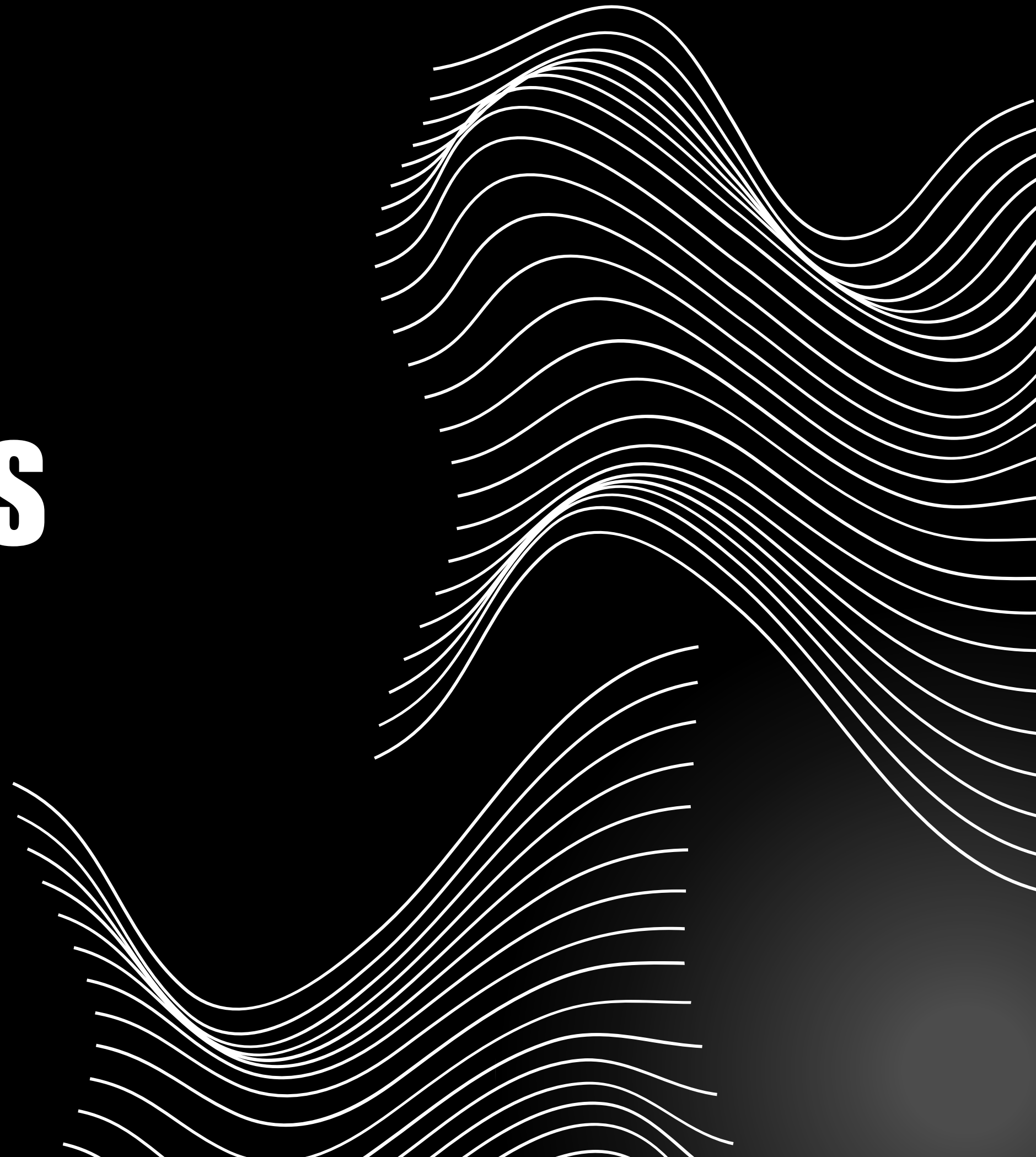# PROJECT MANAGEMENT

- Jira, Trello, Asana, Monday.com
- Slack, Discord, Microsoft Teams
- Git, GitHub, GitLab, Bitbucket

INDUSTRIES WE DISRUPT

- Industrial Training & Simulation
- Blockchain & FinTech
- Retail & E-commerce
- Gaming & Entertainment
- Healthcare & Medical Innovation
- AI-Powered Enterprises
- Marketing & Ad-Tech
- Automotive & Manufacturing

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FLAGSHIP PROJECTS

1. YOGA GURU: AR WELLNESS
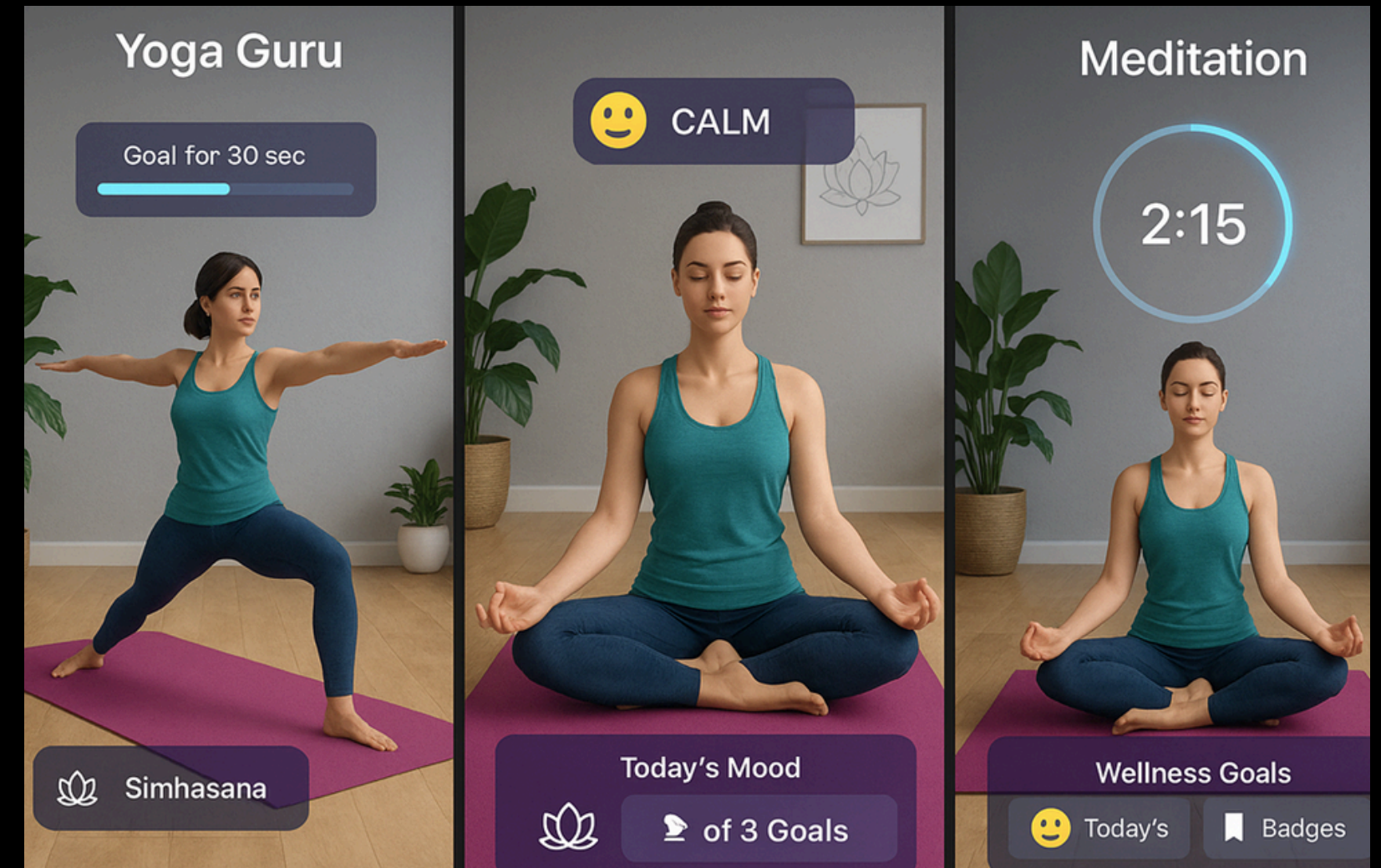
Category: Simulation / AR / Wellness
Technology: Unity, AR Foundation, Face Tracking, Firebase

Description

Step into a peacefulAR world as a guidedyoga instructor takesyou through customized meditation and yoga routines. The game uses real-time facial recognition and stress analysis to adjust the session dynamically. Daily goals, mood-tracking, and progress badges keep players engaged and healthy.

Features

- Real-time AR yoga poses
- Face tracking for feedback
- Wellness goals and progress dashboard
- Meditation soundscapes

2. COLOR CLASH: HOLI BATTLE AR

Category: Category: Casual / AR Multiplayer
Technology: Unity, AR Foundation, Face Tracking, Photon PUN2

Description

Celebrate Holi like never before! This fast-paced multiplayer AR game lets players throw virtual colors at friends using face detection and real-time multiplayer. Choose your team, select your color bomb, and splash joy across the battlefield.

Features

- Face tracking + gesture recognition
- Multiplayer with global matchmaking
- Festive visuals and sound FX
- Leaderboard and seasonal events

3. CODE RUNNER: HACK THE GRID

Category: Puzzle / Educational / Adventure
Technology: Unity, WebGL, Firebase, C# Scripting Engine

Description

Dive into a neon cyberspace where logic is your only weapon. Solvecoding challenges to escape security systems, disable firewalls, and outsmart AI bots. Perfect for beginners learning C# in a gamified way.

Features

- Gamified programming lessons
- Puzzle-platformer elements
- Hacking-themed minigames
- WebGL cross-platform support

CODE INPUT ☰

```
int valiCredentials = Check()
if
    (validCreedentials)
        {
    OpenDoor()
    }
}
```

RUN

LOCK

UNLOCK: 2 2 NODES

4. VR KEEPER: PENALTY WARS
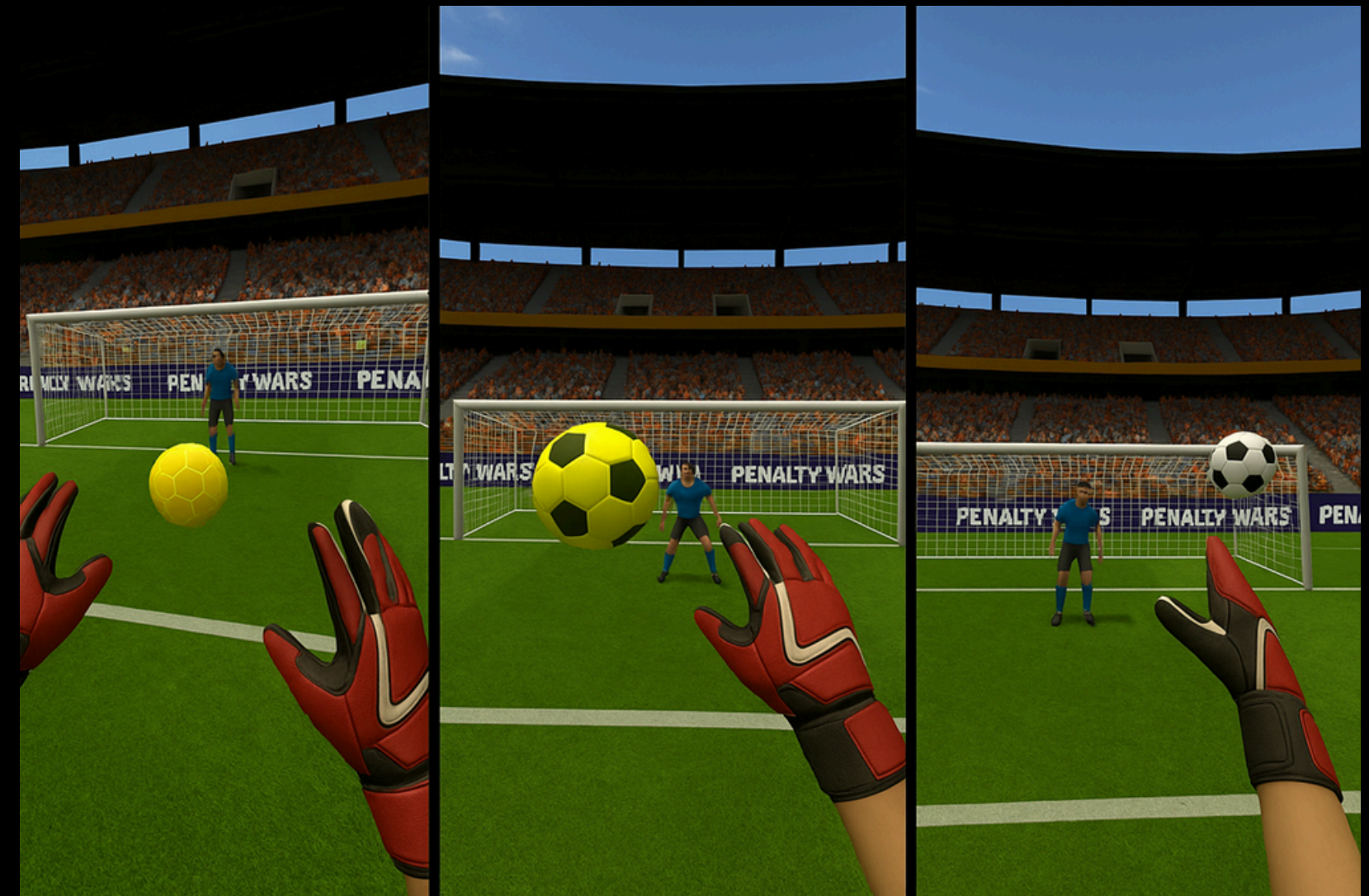
Category: Sports / VR
Technology: Unity, Google Cardboard, Gyroscope Input, Firebase

Description

Become the last line of defense in this immersive VR penalty shootout game. Using Google Cardboard, you physically tilt and react as the ball flies toward your goal. Unlock gloves, stadiums, and challenge modes.

Features

- Gaze-based interaction
- Physics-based ball movement
- Global leaderboards
- Progressive difficulty

5. ESCAPE CODE: VR ESCAPE ROOM

Category: Puzzle / VR / Mystery
Technology: Unity, Google Cardboard, Gaze Interaction, Firebase

Description

Trapped in a high-tech lab, you have 60 minutesto solve crypticpuzzles, decrypt codes, and escape.This mobile VR escape room challenges your mind and reaction speed with intuitive gaze-based mechanics.

Features

- Immersive 3D environments
- Countdown timer with urgency music
- Puzzle variety (logic, pattern, sequence)
- One-touch play via gaze

LAB EXIT

34:29

6. CRYPTO CLASH: NFT ARENA

Category: Strategy / Blockchain / Multiplayer
Technology: Unity, Web3.js, Solidity, Ethereum

Description

Step into a futuristic arena where NFT warriors engage in strategic duels. Each unit is a real asset on the blockchain. Earn crypto by winning, trade warriors on the open market, and climb the leaderboard in real-time PvP tournaments.

Features

- Blockchain-integrated NFT avatars
- Real-time PvP combat
- Decentralized asset trading
- Weekly crypto-based prize pools

7. CASHSPIN ROYALE

Category: Casino / Real-Money / Multiplayer
Technology: Unity, Firebase, In-App Purchases, Secure Payment Gateway

Description

A full-featured casino experience in your pocket. Play real-money slots, poker, blackjack, roulette, and baccarat. Enter live multiplayer rooms or challenge the dealer solo. Win real cash, climb the VIP ladder, and unlock exclusive skins and tables.

Features

- Real-currency wagering
- Secure and verified cashout system
- Live multiplayer with voice chat
- Slot tournaments and daily jackpots

8. POKERVERSE: HOLD 'EM REVOLUTION

Category: Card / Casino / Real-Money Multiplayer
Technology: Unity, Photon PUN2, Stripe API

Description

Play Texas Hold 'Em in real-time tournaments against global players. Earn chips, enter high-stakes games, and unlock animated card backs and custom tables. Optional real-cash buy-ins and seasonal leagues included.

Features

- Multiplayer matchmaking with live chat
- Real money tournaments & chip economy
- Stylized avatars & custom rooms
- Anti-cheat & secure gameplay system

9. CHAINOPOLY: WEB3 BOARD ROYALE

Category: Board Game / Strategy / Blockchain
Technology: Unity, MetaMask SDK, Ethereum Smart Contracts

Description

A blockchain-powered twist on the classic property-trading board game. Own digital districts as NFTs, collect rent in ETH, and challenge others in metaverse-connected sessions.

Features

- Play-to-Earn with ETH-backed tokens
- NFT-based board ownership
- Smart contract driven transactions
- Asynchronous and real-time gameplay modes

10. RUMMY EMPIRE: REAL CASH ROUNDS

Category: Card Game / Real-Money / Skill-Based
Technology: Unity, Firebase, Razorpay / Stripe

Description

Challenge players acrossIndia and the world in skill-based Rummymatches for real cash. Join 2-player duels or full-table contests. Withdraw winnings instantly and join tournaments on weekends.

Features

- Real-money skill-based gameplay
- Leaderboards and cash-based events
- Safe wallet integration
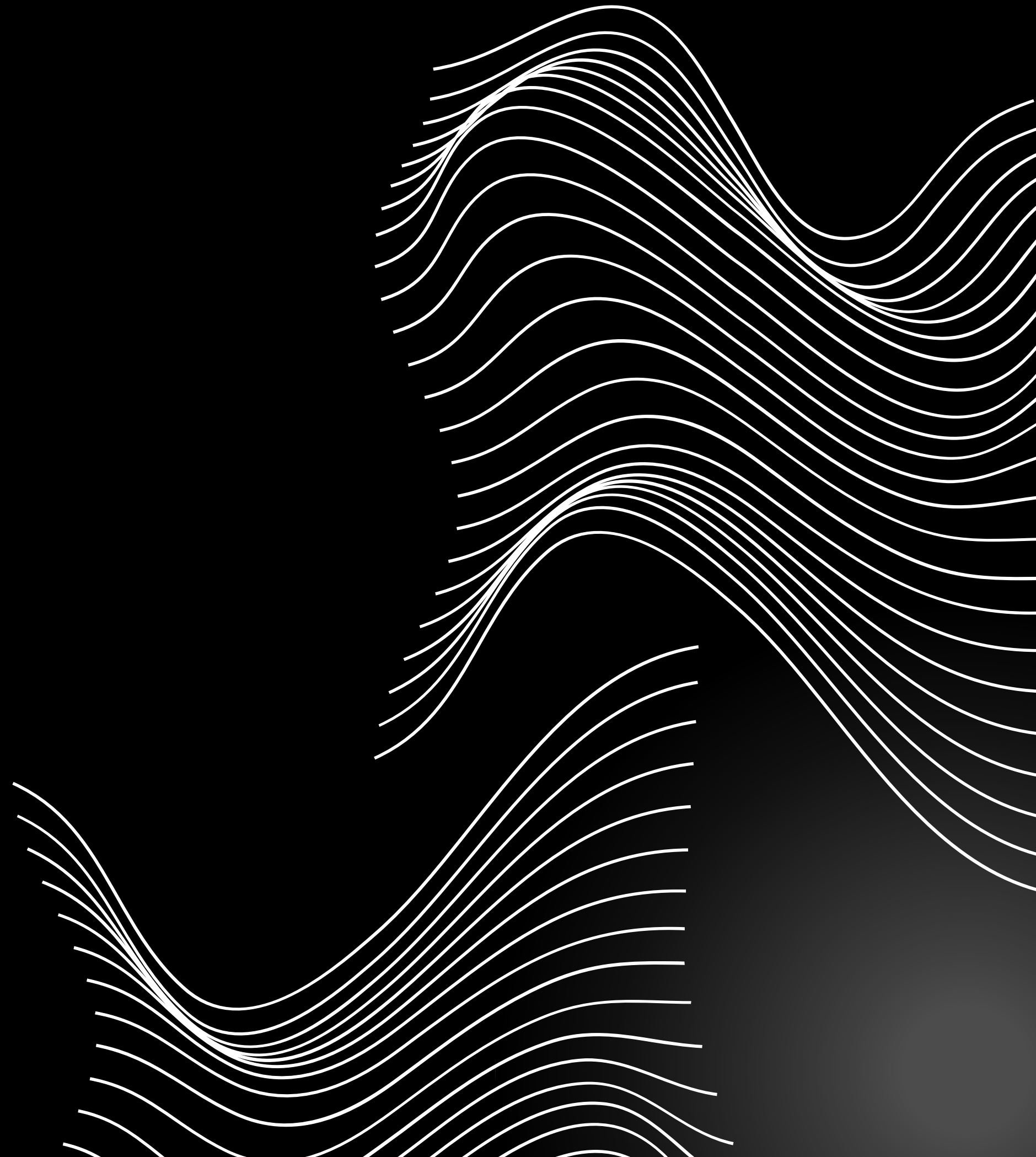- Practice and Pro modes

WHY HOLOMORPHIX ?

⚡Pioneers in AR/VR, Blockchain, NFT, and AI/ML

⚡ 5+ years of building immersive tech ecosystems

⚡ A team that thrives on disruption & innovation

⚡ Scalable, future-proof solutions for startups & enterprises

⚡ Partnerships built on creativity, trust & speed
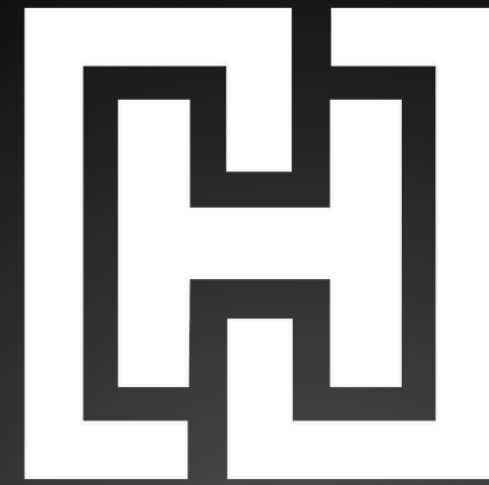
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THANK YOU

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