

PORTFOLIO · OCTOBER 2026

Jungwoo Kim

Technical Program Management
& Field Delivery

Enterprise field delivery · Founder-led product development ·
Hands-on AI systems

themodeler2025@gmail.com · [linkedin.com/in/maibdx-modeler](https://www.linkedin.com/in/maibdx-modeler)



CAREER AT A GLANCE

Delivery across enterprise, product and AI systems



FIELD OWNERSHIP

Prepare the work, resolve local issues and close delivery.

TECHNICAL JUDGMENT

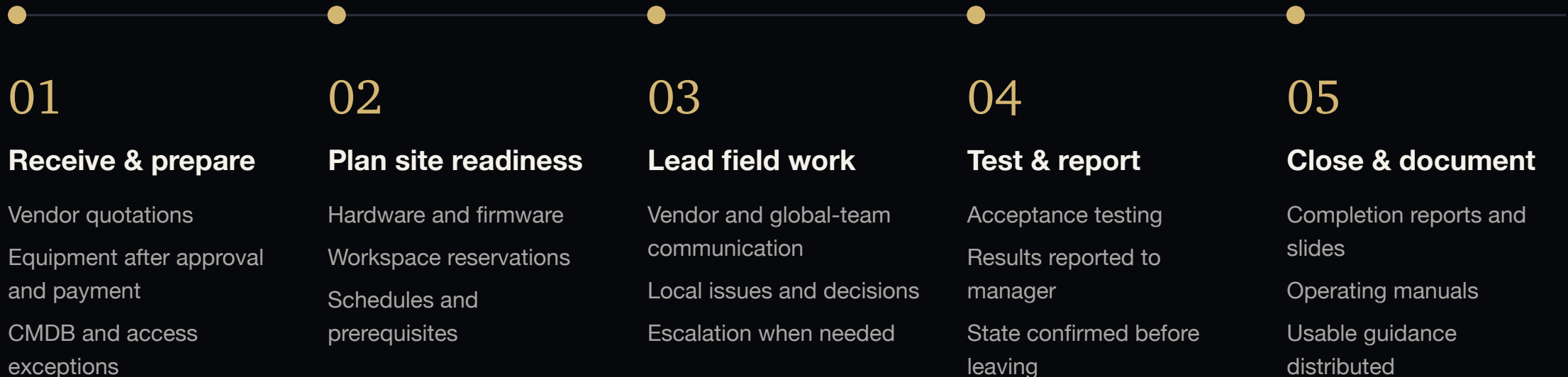
Turn dependencies into work that teams can execute.

HANDS-ON BUILDING

Build prototypes and inspect observable results.

Owning the Korea field-delivery cycle

Technical Program Project Management (TPM) · Contract, via Manpower · May 2025 – May 2026



MY ROLE

Owned site readiness, scheduling, vendor coordination and issue closure, working alongside vendor installers and authorized network teams.

18 rooms installed and tested in one weekend

18
rooms

2 days
installation weekend,
after advance preparation

3-5 DAYS BEFORE

Joint Autopilot setup

Co-configured UC Engine Autopilot provisioning with the vendor and requested registrations ahead of installation.

THURSDAY – FRIDAY

Connectivity and authentication

Checked LAN ports and UC Engine access with the network team; reworked units with problems.

INSTALLATION WEEKEND

Interleave installation and tests

As vendors installed hardware, I ran software and firmware updates, integrated tests and exception handling.

THE JUDGMENT

Move connectivity and authentication out of the installation window, so room-by-room work could proceed without avoidable waits.

The same approach was applied to a separate 35-room refresh; the vendor later told me it reused the sequence for other clients.

A two-year plan, delivered in about eight months

Customer Demo Wafer tracking across Korea sites · sole on-site GIS representative · budgeting through installation

ORIGINAL PLAN



2 years

DELIVERED



~8 months

FIELD JUDGMENT & EXECUTION

Led readiness, local decisions and global-team communication. Pre-staged devices, explained installation precautions and used manufacturer documentation for joint antenna-orientation tests, alongside vendor installers and the supplier engineer who led primary setup, testing and tuning.

RECOGNITION

The MD and CIO thanked the project during a Korea visit; the CIO thanked me directly.

A company-wide VP email credited the local project lead role I held.

TKYNX: from product direction to beta

THE PRODUCT PROBLEM

Make sound-design assets easier to discover and reuse. I led the music-preset marketplace direction and connected product definitions to development work.

DEVELOPMENT COLLABORATION

Served as PM and technical lead with an external development vendor for about two years, working primarily with 5–7 vendor-side contributors. TKYNX reached beta testing.

COMPANY & PRODUCT RECOGNITION

2023 Korea SME and Mid-sized Enterprise Innovation Award
Herald Corporation CEO Award · TKYNX

KRW 350M

four consecutive government R&D
awards

I handled the technical proposals, milestone reports and financial documentation.

Define the problem, then the buildable work

“Why is finding and reusing a sound asset difficult?”

My product work covered two related areas: user and functional design, and audio-asset metadata and search.

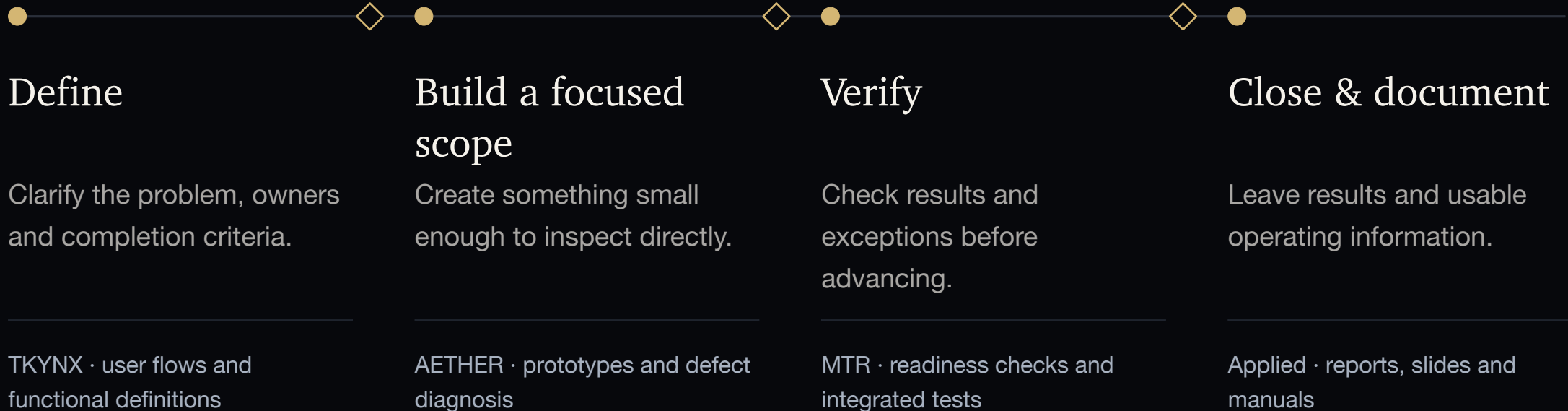
USER & FUNCTION DESIGN

- Personas and journey maps
- User and administrator flows
- IA and functional definitions
- Excel sheet with automatic IA identifiers

DATA & SEARCH DESIGN

- Company, product and version metadata
- Structured audio-asset discovery
- KNN similarity search I implemented
- AND/OR multi-category filtering

Make completion visible at each step



AT EVERY STAGE BOUNDARY

Proceed, refine the work, or hold until the missing condition is resolved.

Six areas of independent systems work

27

engines and projects

Business documents & data

PPTX Editable slides

DOCX Word documents

+ XLSM · OFFICE-DESIGN · PDF

Brand experiences & content

VELLUM Scroll interaction

FORGE Web production

+ ATELIER · CONTENTS

Video & visual explanation

PRISM Explanatory motion

FRAME Video workflows

+ LTX 2.5 · H3

Music & audio analysis

ACE-STEP APP Media workspace

MUSIC-MASTERING Audio finishing

+ HEIMDALL-EAR · STEP-MAC

Work execution & oversight

AGENT Delegation and review

FLOW Tasks and approvals

+ NEXUS · STEWARD · BRIDGE

Research, evidence & risk

SECURITY Evidence-led review

THE-FORENSIC Code intake review

+ SPIDER · LEGAL-FORENSICS · QSE

Keep delegated work reviewable

Internal LLM orchestration across Codex and Claude Code

A delegated step does not advance until its result can be inspected.

THE PROBLEM

Delegated work needs a defined scope and inspectable results before the next step can proceed.

WHAT I BUILT

Bounded delegation, deterministic quality checks and execution records. Failed checks stop the workflow.

WHAT THE REVIEW EXAMINES

Required agent coverage, parser errors and semantic-output thresholds.

Show the work and its next decision

PURPOSE

Keep project tasks, owners and review needs visible in one working context.

DESIGN FOCUS

A status label gains meaning when the reader can see who is responsible and which decision comes next.



Screen from an actual application recording.

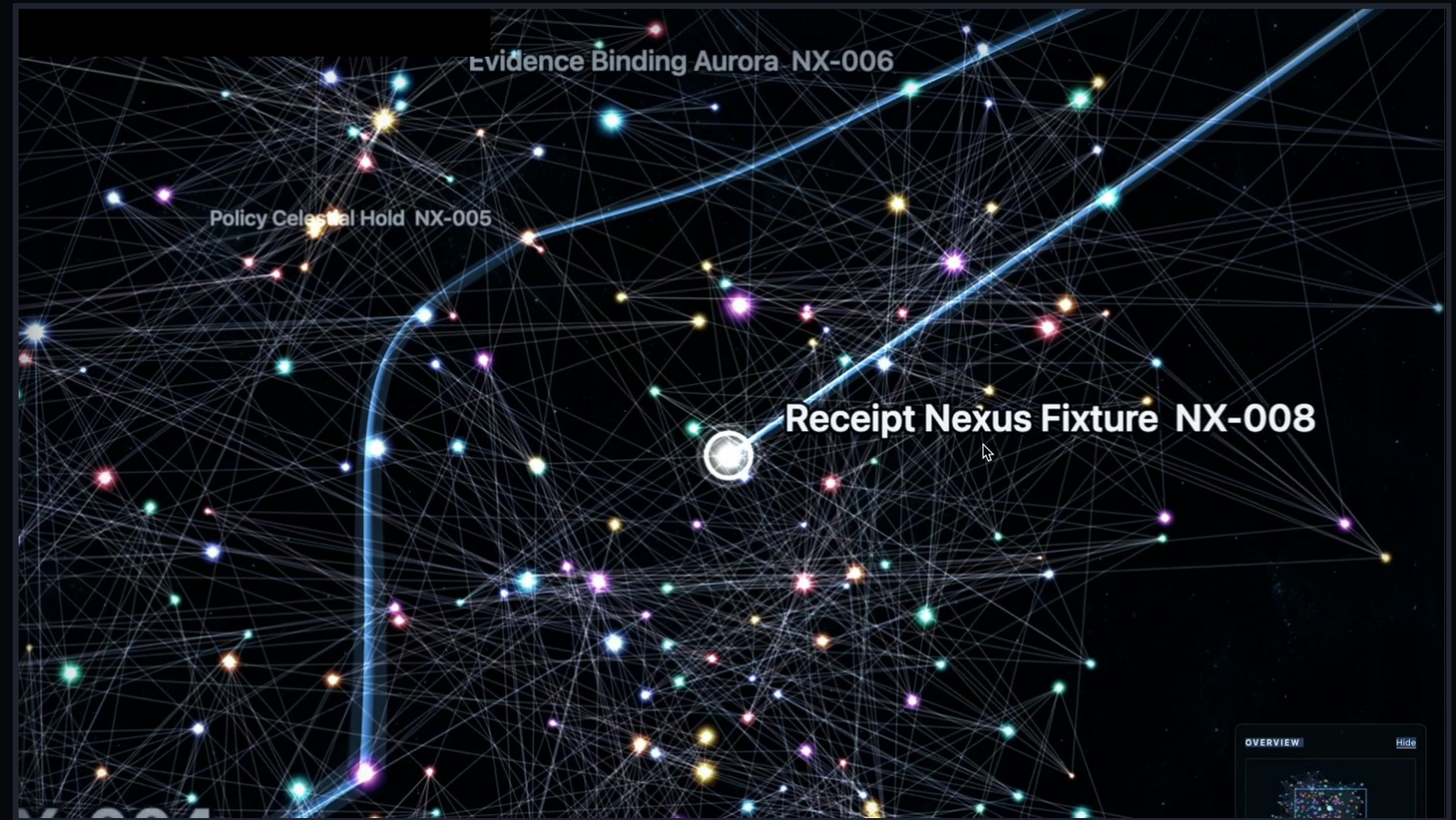
Explore connected evidence without losing the source

PURPOSE

Place each piece of material within a broader working context by exploring relationships across information.

DESIGN FOCUS

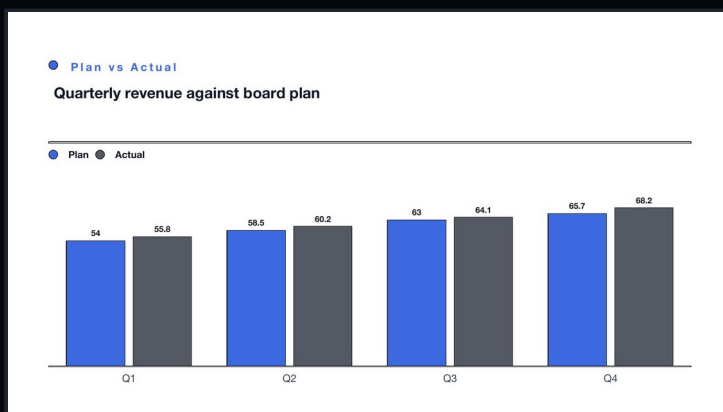
The original source keeps its authority. Exploration results stay distinguishable from source evidence.



Recording of the 3D evidence-graph prototype, running on fixture data.

Editable documents, generated and inspected

This deck was generated with AETHER-PPTX.



● Before / After

FY2026 board plan vs realized result

Board Plan (set Q4 FY2025)		Realized FY2026	
Revenue	\$241.2M	Revenue	\$248.3M (+\$7.1M)
Gross margin	70.0%	Gross margin	71.4% (+1.4 pts)
Net revenue retention	117%	Net revenue retention	121% (+4 pts)
FCF margin	9.5%	FCF margin	14.2% (+4.7 pts)
Ending backlog	\$288M	Ending backlog	\$312M (+\$24M)

● The conviction

Own the inference layer

Whoever makes inference cheapest and most reliable wins the AI stack — and Helio is wagering its R&D on being that company by 2027

Three bets · \$51M of conviction · one platform · Helio FY2027

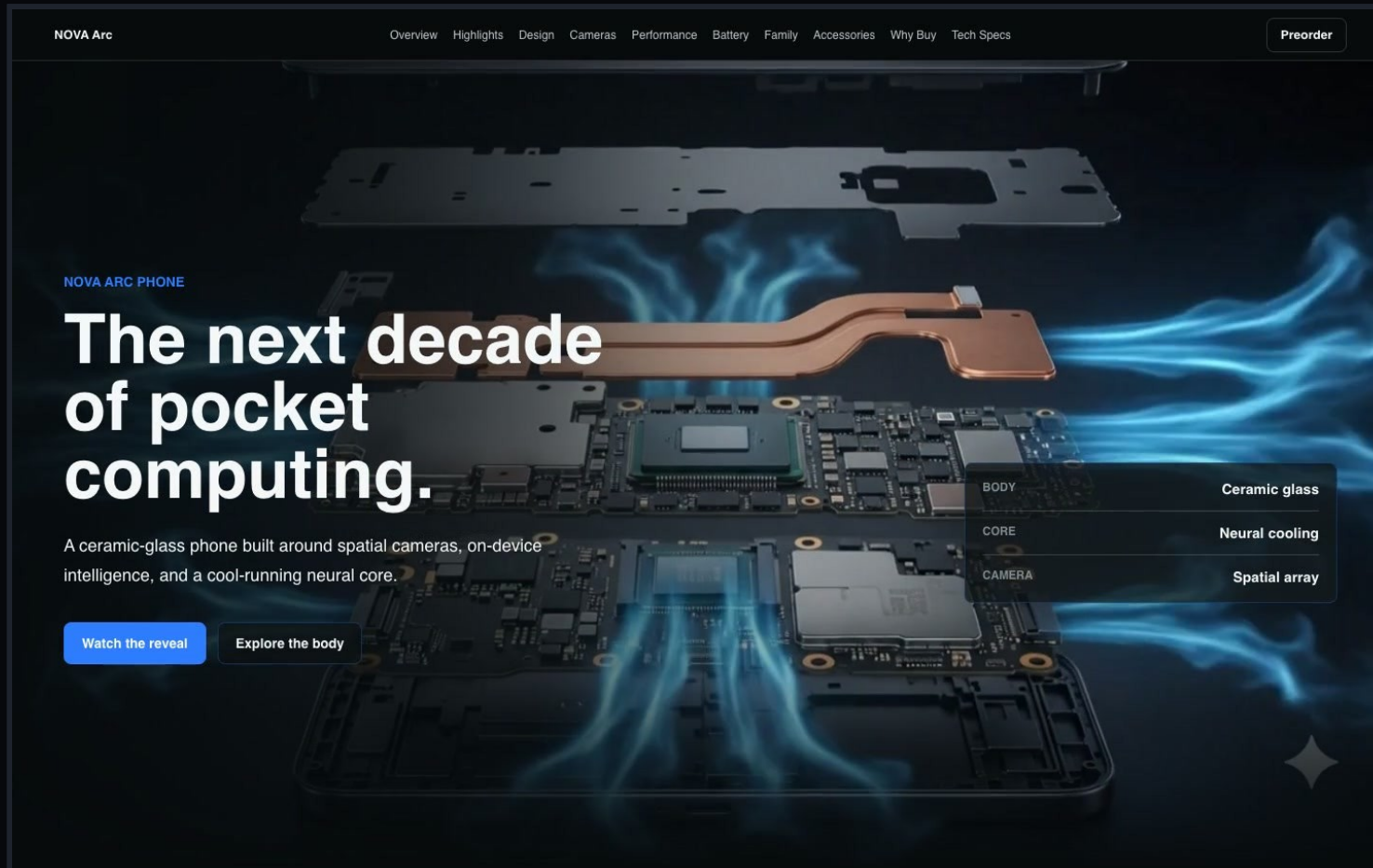
Pages from a 30-page sample deck for a fictional company, generated as editable PPTX. The full sample is attached.

MY CONTRIBUTION

Document-engine validation and regression checks covering PPTX generation, visual QA and compatibility correction.

WHY IT MATTERS

Technical work becomes editable explanations, completion records and operating materials others can use.



Browser recording of a self-directed product-page demo. Fictional product.

A product story told through scrolling

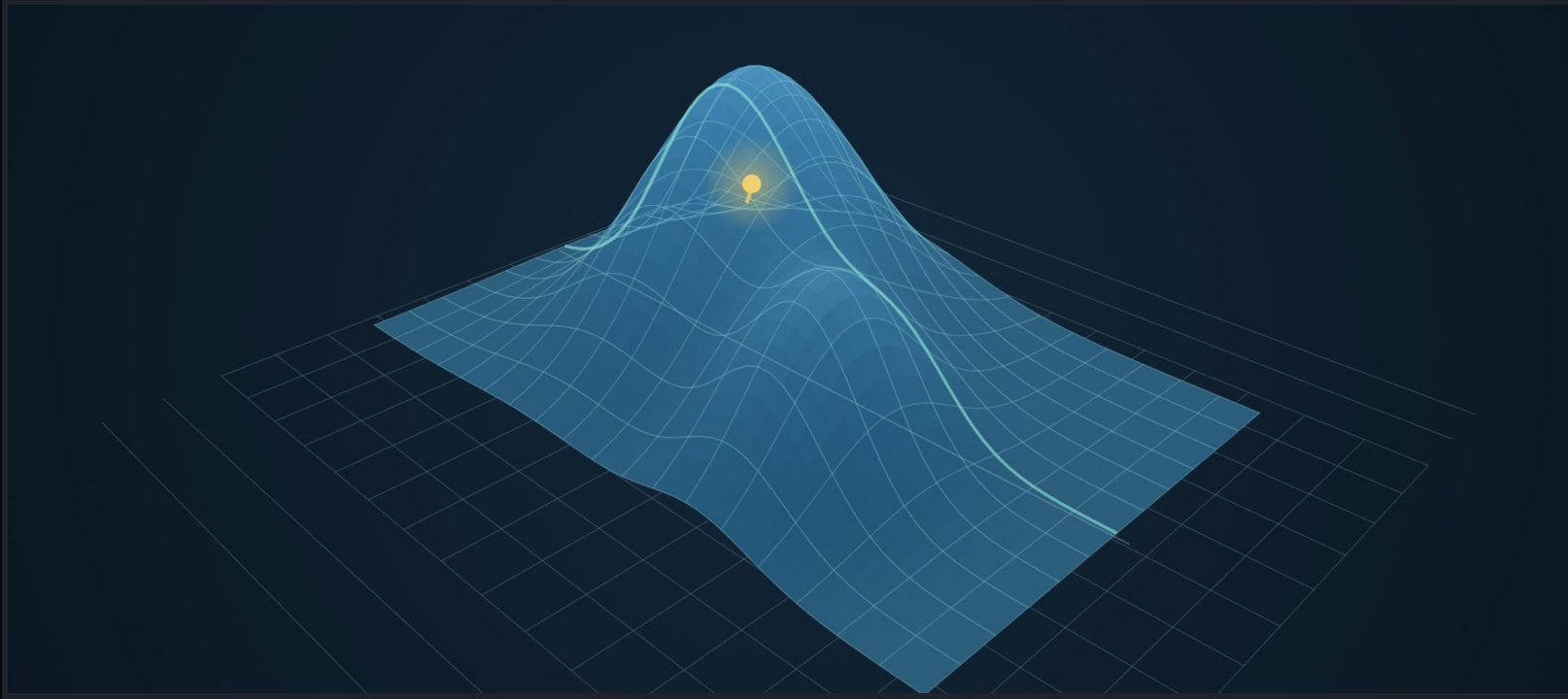
PURPOSE

Connect page reading with cinematic content as the visitor explores the site.

DESIGN FOCUS

Pacing and scene changes support the explanation. The demonstrable result is the interactive page.

Explain relationships through motion



Frame from a 90-second explanatory film in which one point becomes a line, a surface and a world.

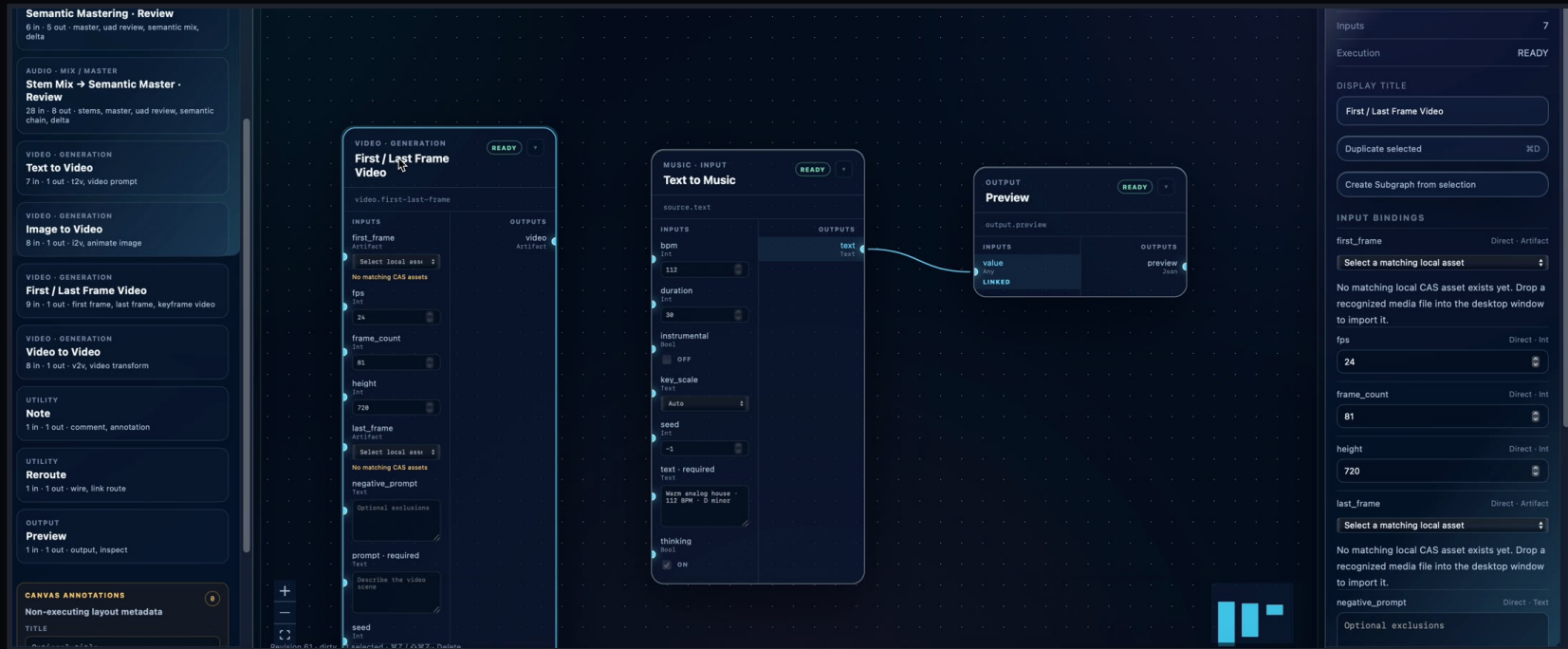
PURPOSE

Use visible change to make spatial relationships and sequence easier to follow.

DESIGN FOCUS

Visual movement and informational meaning explain the same relationship.

A node-based workspace for music and media



PURPOSE

Music-generation requests, resulting assets and audio finishing in one working context.

SCOPE

Internal app development, using an external music-generation model.

Desktop app recording: a text-to-music node wired to a preview, with video-generation nodes alongside.

CONTACT

Jungwoo Kim

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linkedin.com/in/maibdx-modeler

themodeler2025.com