



DCONF August 2025

Shimon Ben David - CTO, WEKA Eyal Lotem – Filesystem Tech lead, WEKA							



OVER
450
Employees

OVER
300
Customers

INCLUDING
30%
of the
Fortune 50*

OVER
\$375M
Capital
Raised

OVER
100%
YoY
Growth

Backed by World-Class Investors



generation



NORWEST



HITACHI
Inspire the Next



KEY1CAPITAL

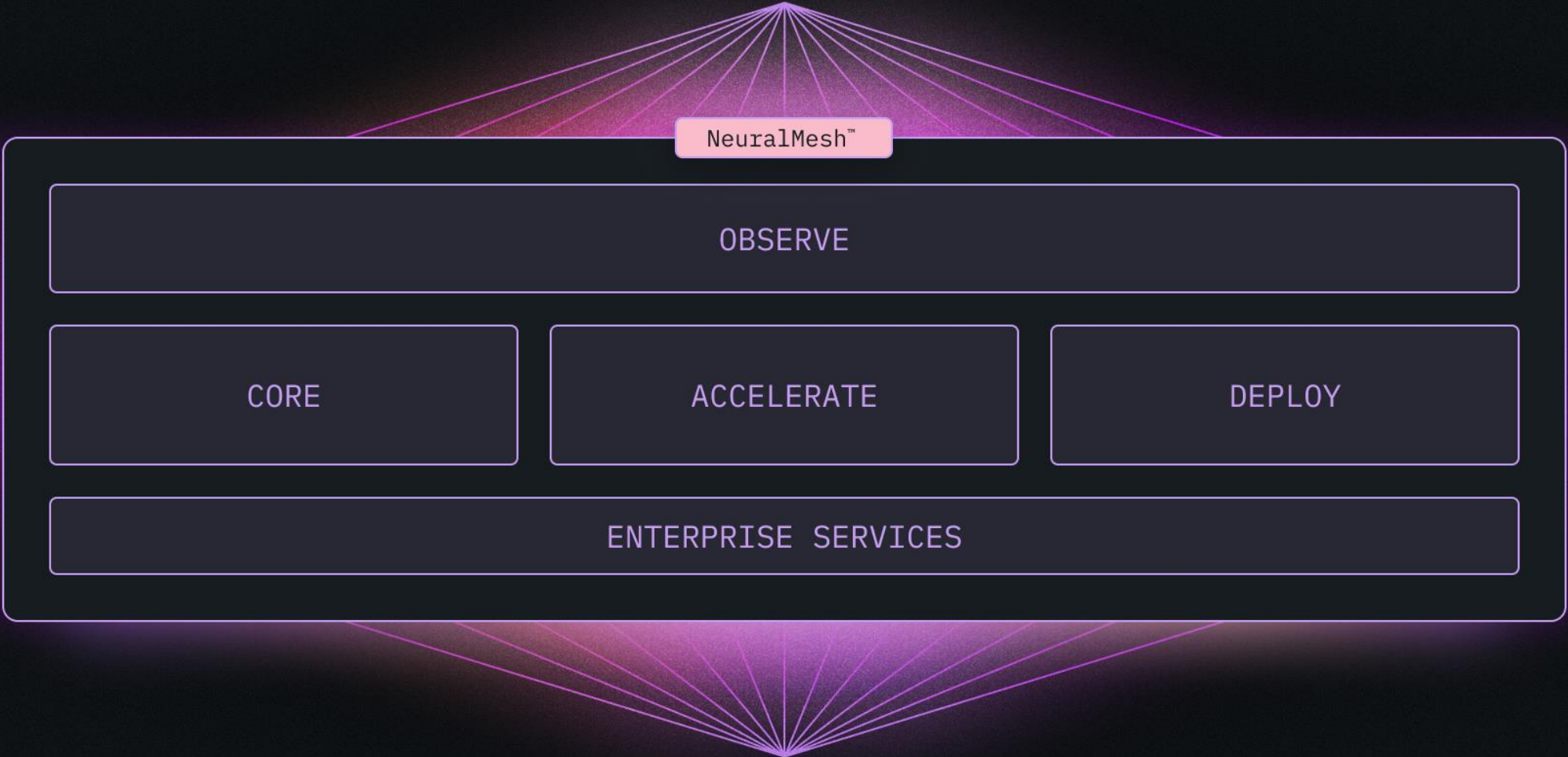


Qualcomm
ventures



SAMSUNG
CATALYST
FUND





NeuralMesh™

The diagram illustrates the NeuralMesh architecture. At the top, the NeuralMesh™ logo is centered. Below it, a large rectangular container holds four main components: 'OBSERVE' at the top, 'CORE', 'ACCELERATE', and 'DEPLOY' in the middle row, and 'ENTERPRISE SERVICES' at the bottom. The 'OBSERVE' and 'ENTERPRISE SERVICES' components are wide, single-blocks, while 'CORE', 'ACCELERATE', and 'DEPLOY' are narrower blocks arranged side-by-side. Purple lines radiate from the top and bottom of the container, creating a funnel-like effect that frames the central components.

OBSERVE

CORE

ACCELERATE

DEPLOY

ENTERPRISE SERVICES

Our Customers - <https://www.weka.io/customers/>



NEBIUS



TENSORWAVE

Hillbot



Hugging Face

cohere

Physical Intelligence (π)

ElevenLabs

together.ai

SLAC



Picture
SHOP

upstage

NOVARTIS



ENTANGLEMENT

contextual.ai



Midjourney

SQUARE POINT

Atomwise

Sustainable
Metal Cloud



APPLIED DIGITAL

I R E N

U2:UV



stability.ai

YOTTA



Center for
AI Safety

SAMSUNG

preymaker



parliament

cerence



Carbon

Genomics
england

tu simple

INNOVIZ
TECHNOLOGIES

Baylor
College of
Medicine

UNITED

OMRF



Swiss Institute of
Bioinformatics



TRE
ALTAMIRA

synthesia

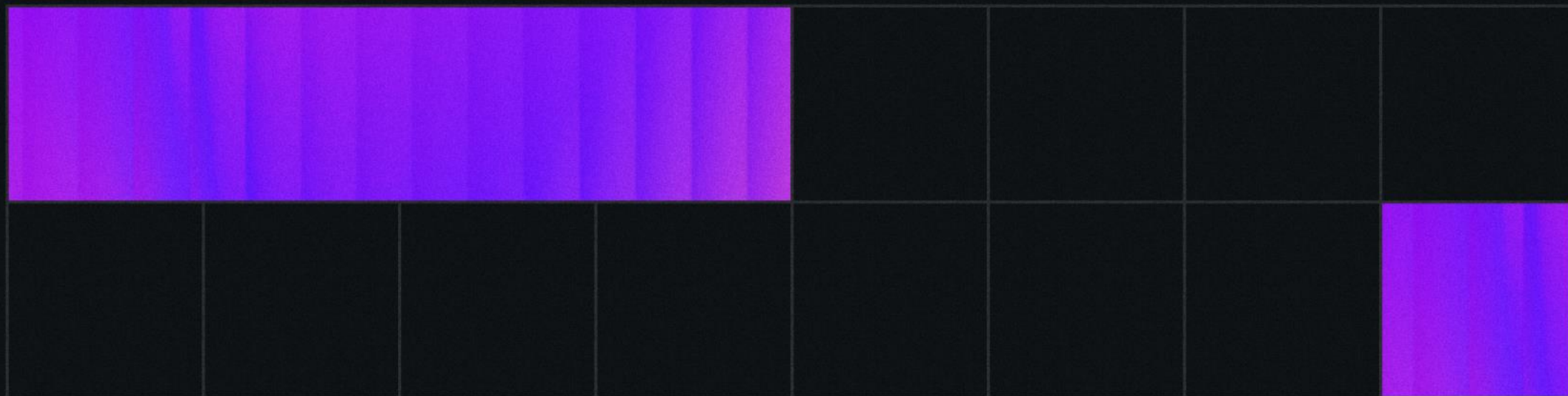


Mellanox
TECHNOLOGIES

WEKA®



Dlang powering advanced projects & research



AUTONOMOUS VEHICLE TRAINING

12 Days to **4** hours

**Driven by More Efficient GPU Utilization, Zero Copy
& Faster Checkpointing**

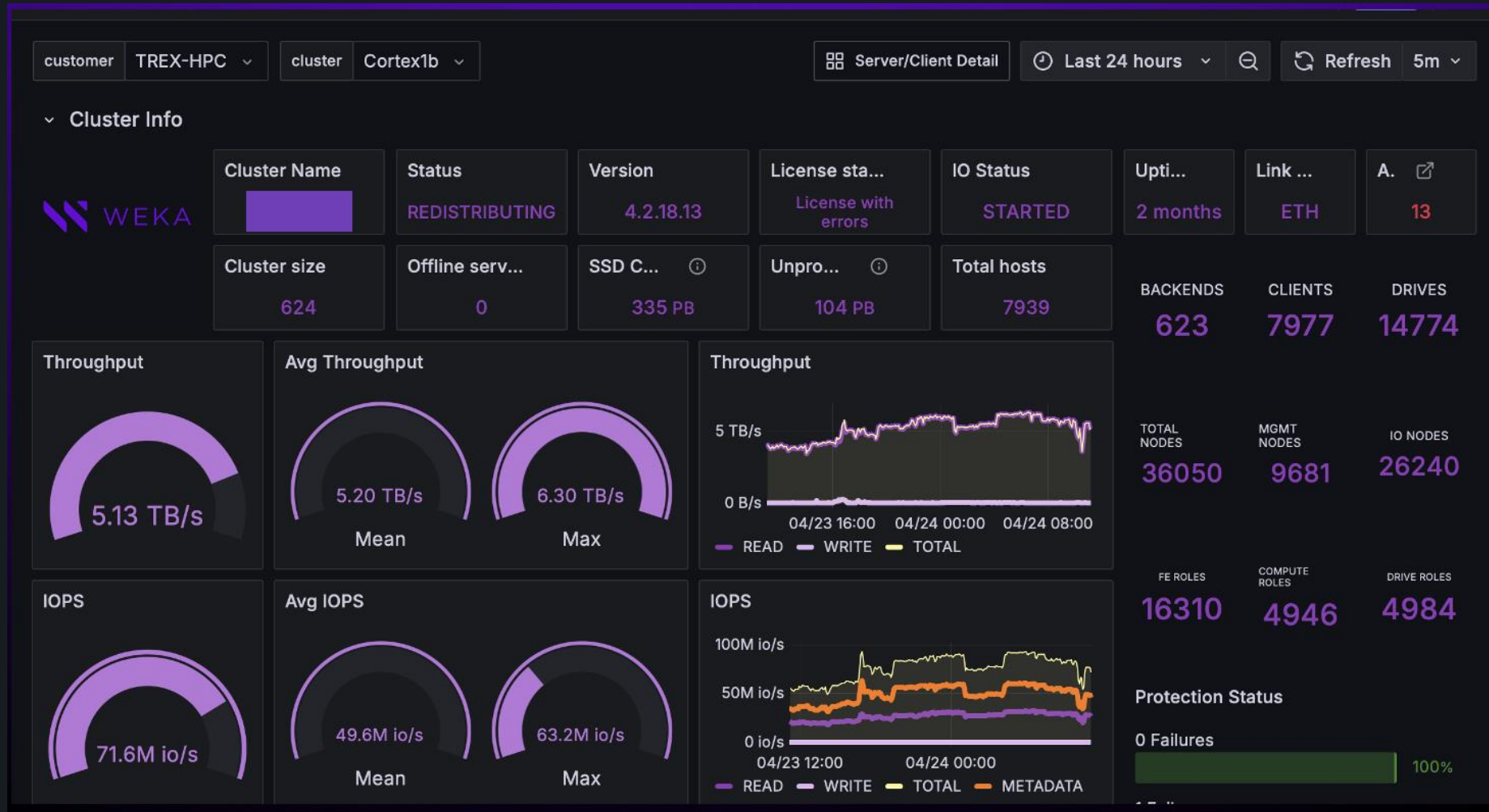
AI is Disrupting the Automotive Industry

Revolutionary autonomous
vehicle manufacturer using
AI for model training

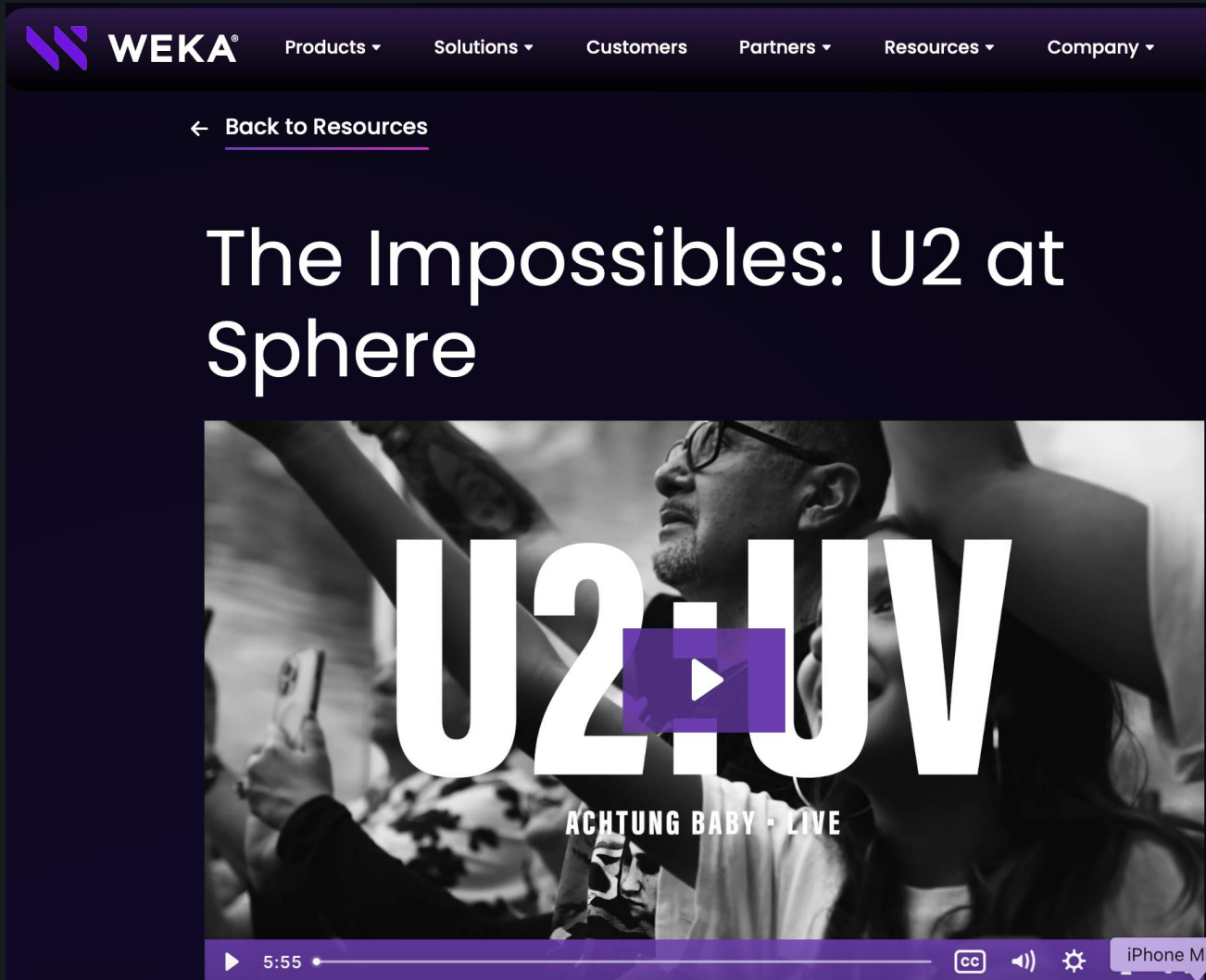
Software has become the
main profitability growth
driver for automakers



Additional IO Patterns



U2 At the Las Vegas Sphere



- **Decrease 3 Months rendering time to 2 week**
- **Streamline 16K X 16K Resolution at 410GB/s**
- **Utilize SMB Direct and SMB Multi Channel**

AI by the people, for the people



stability-ai
stable-diffusion

A latent text-to-image diffusion model
capable of generating photo-realistic images
given any text input

stability.ai

- **93% GPU utilization** during AI model training
- Increased cloud storage capacity by **1.5x**
- **80%** of the previous costs
- **Enable Just in time Training and Just in time inferring**

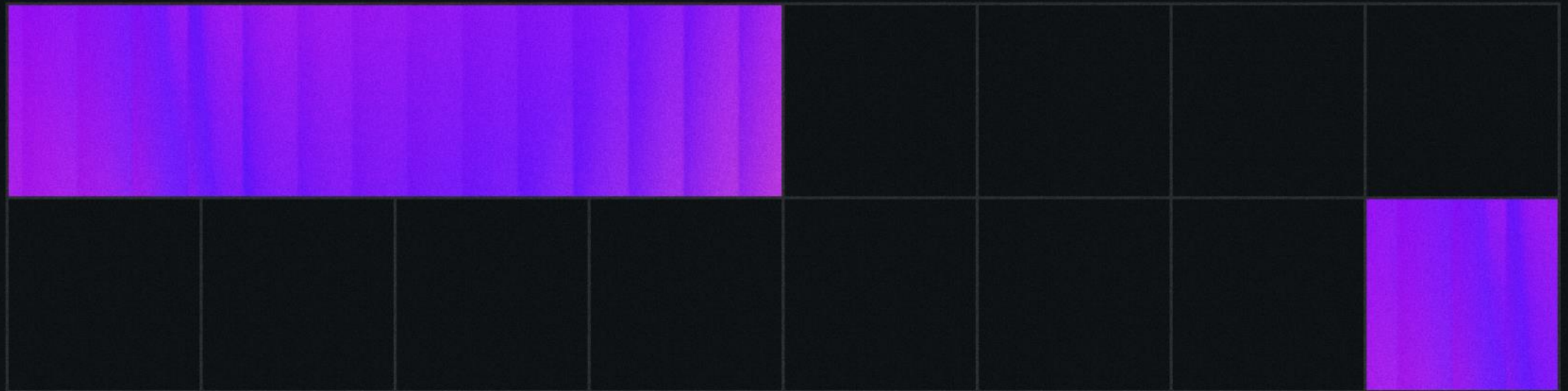
NEBIUS

"Our collaboration with WEKA enables us to offer **outstanding performance and scalability**, so that our clients can harness the full potential of AI to drive innovation and accelerate growth."

Arkady Volozh, Founder and CEO of Nebius



Dlang challenges



Dlang Existing Challenges

- Cutting edge performance code is slow to build
- Compiler work is needed to identify & improve build time

THANK YOU - Q&A

These roles open now!

- Senior Software Engineer, Filesystem
- Senior Software Engineer, Control
- Senior Software Engineer, Platform
- Senior Software Engineer, Protocols

And more on www.weka.io/dconf

