



aXtrLabs

THE AI COMPANY

Services



Custom-Built Generative AI applications tailored to your needs ...

aXtrLabs

At **aXtrLabs**, we blend state-of-the-art technology with creative intelligence to deliver custom-built Generative AI solutions. Whether you need smarter automation, personalized insights, or innovative AI-driven applications, we're here to craft models that fit your business like a glove.

Our mission? To turn your challenges into AI-powered success stories, tailored precisely to your needs and vision. Let's create the future of AI together—because

One size Never fits all !



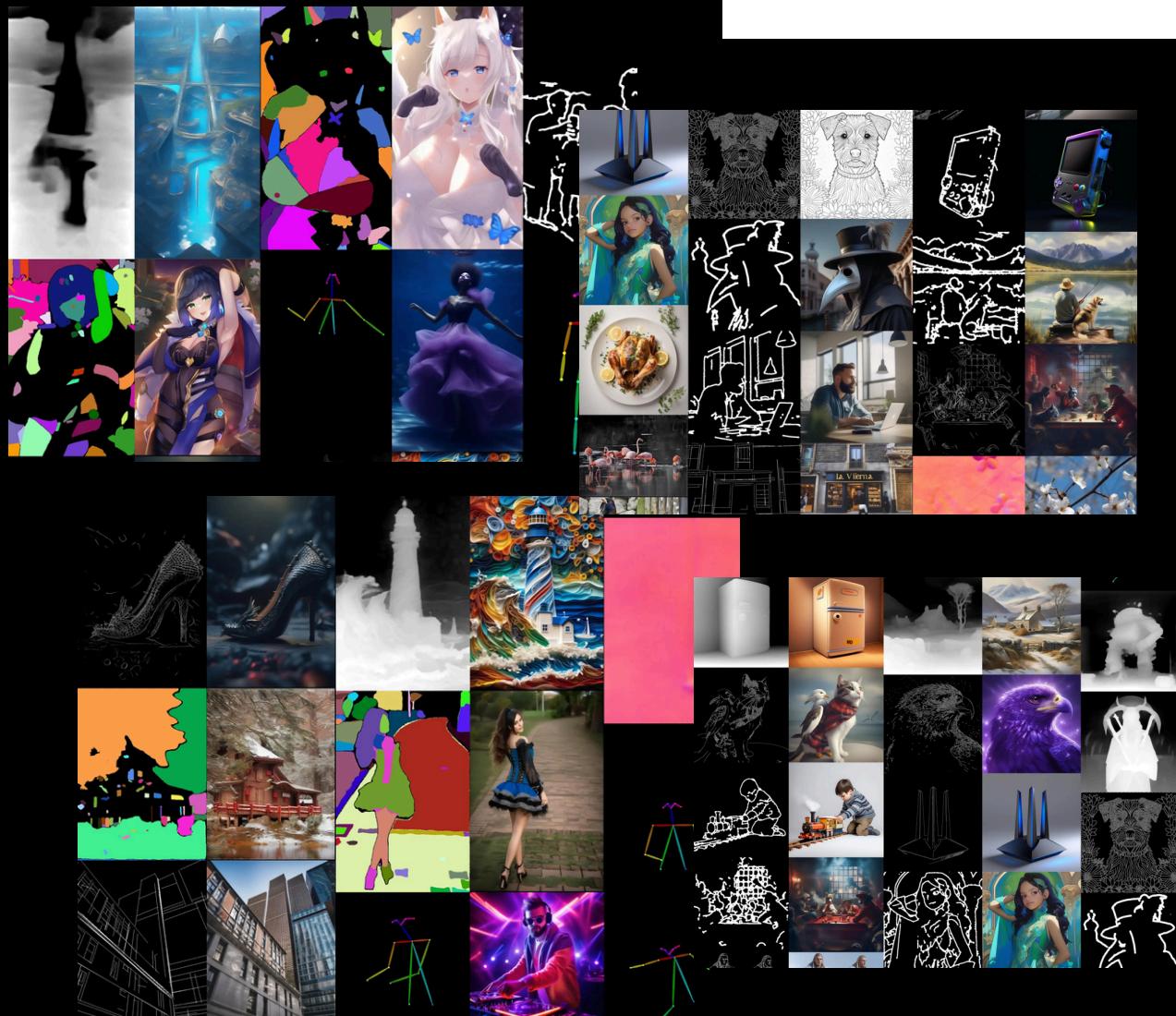
LANGUAGE MODELS

Custom Model HyperParameter FineTuning

| Seq2Seq Language Modeling | Causal
Language Model | Question Answer
Generation | Feature Extraction |
Entity Recognition | Summarization |
Retrieval Augmented Generation [RAG] |
Classification Language Modeling -
Senti Analysis [Seq Classification] |
LLM Based Recommendation Systems |
Token Classification



DIFFUSION MODELS



Custom Model HyperParameter
FineTuning [LoRA | QLoRA] | Image
Captioning [img2Txt] | Image
Scaling | Stable Diffusion
[Txt2img] | Image Restoration |
Image Scaling | Image inPainting |
Photogrammetry [img-to-3D] | AI
Art Generation | Txt-to-3D | Style
Transfer | 3D Reconstruction |
Image Translation [img2img]

CLASSIC ML MODELS

Time Series Forecasting | Regression Modeling |

Clustering | Classic ML Algo Modeling | Vanilla

Neural Network System Building | Compound Analysis |

Data Transformation | Pipeline Optimization



COMPUTER VISION MODELS

Image Classification | Object Detection | Image Segmentation | Face Recognition | Depth Estimation | Image Captioning | Image Embedding | Pose Estimation | Video Summarization | Open Vocabulary Object Detection

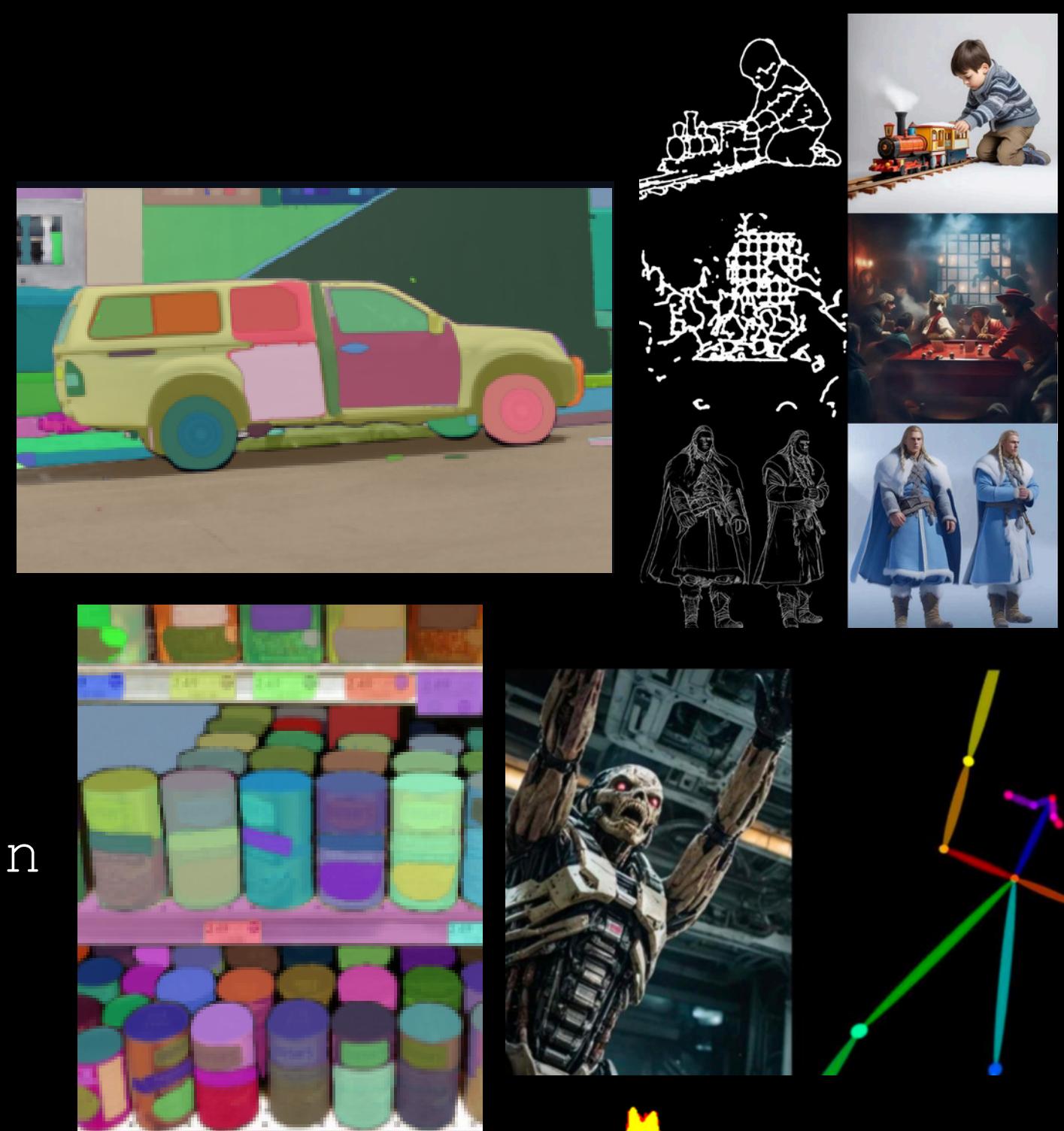
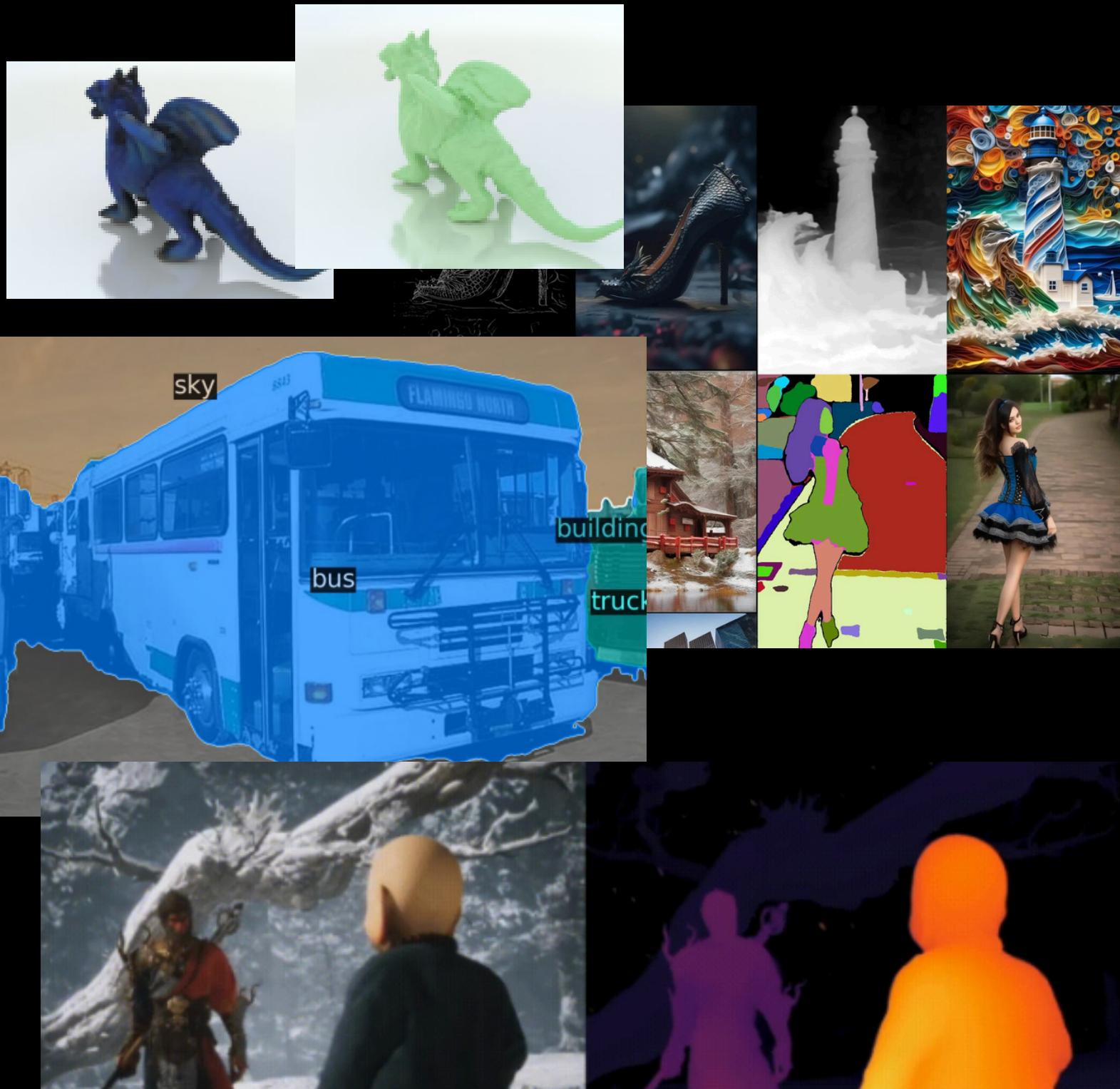
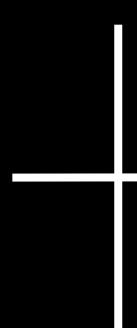


Image Feature Extraction | Image Masking | Visual Question Answering | Optical Character Recognition [OCR] | Open Vocabulary Object Segmentation | Simultaneous Localization and Mapping [SLAM] | Keypoint Detection | Segmentation | Video Classification

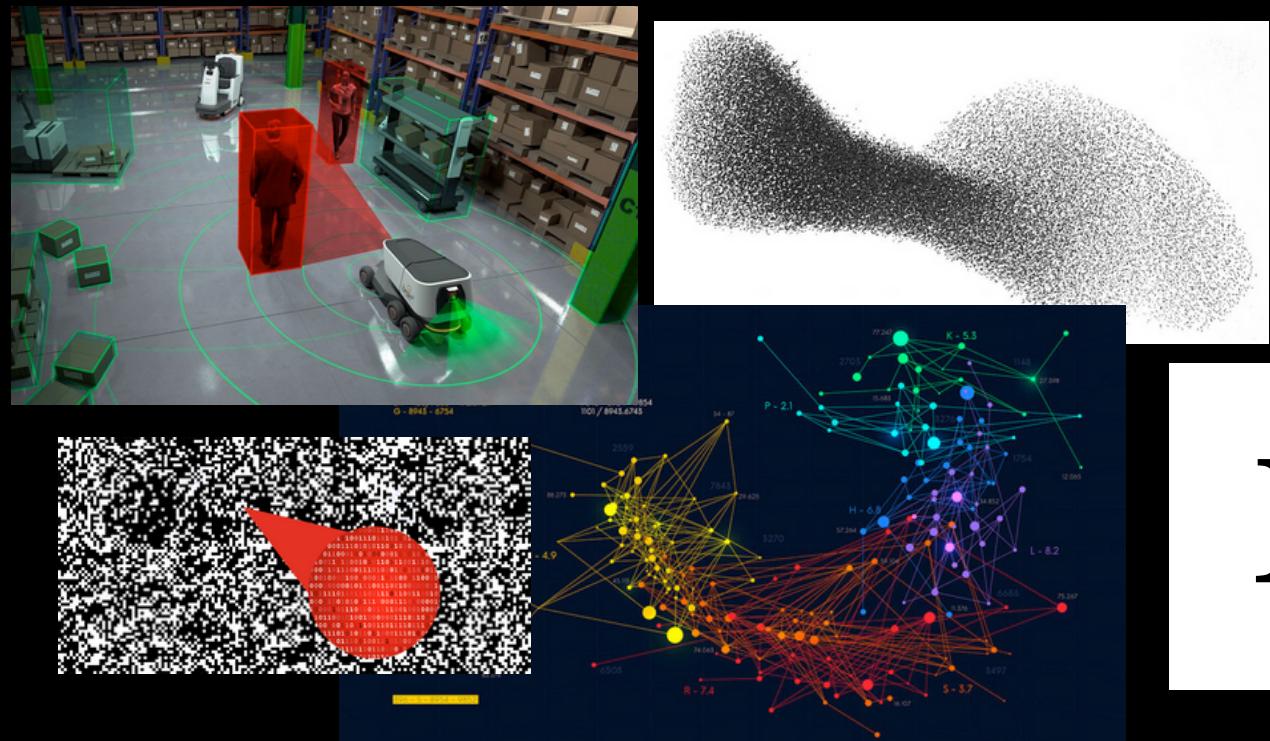
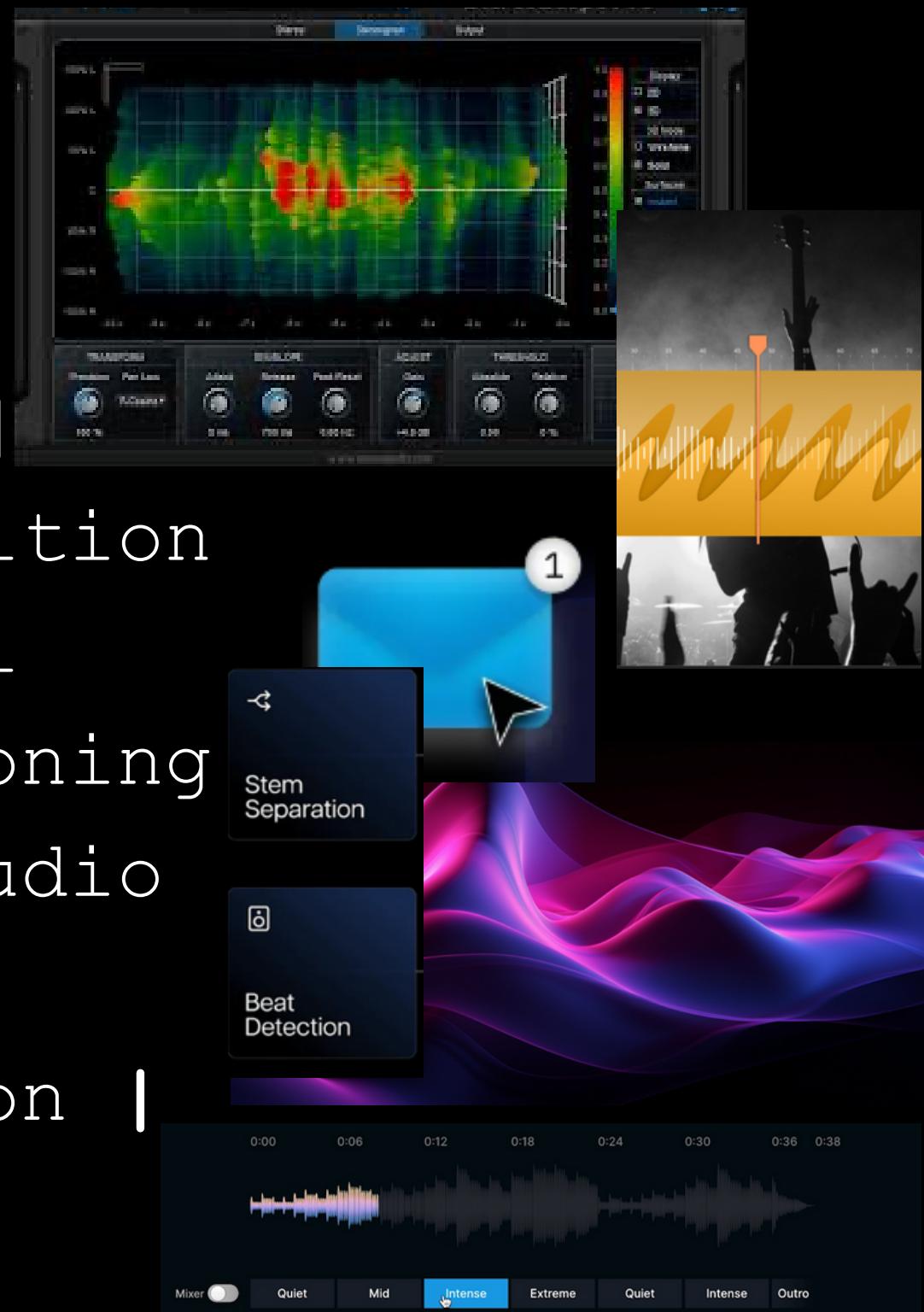
VISION LANGUAGE MODELS





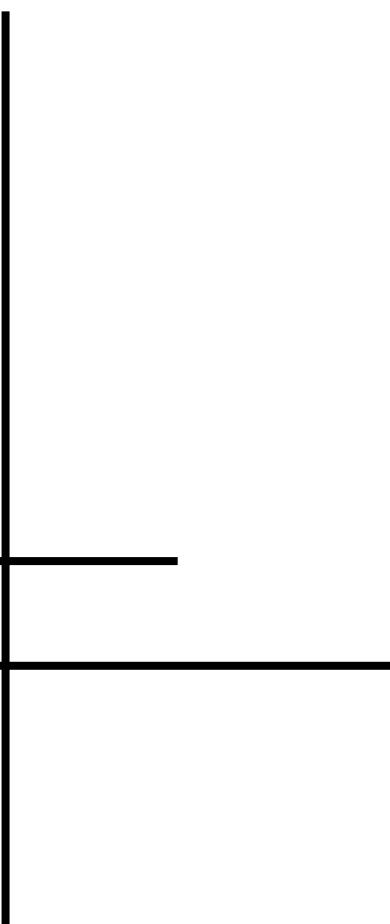
AUDIO MODELS

Text 2 Speech | Text 2 Audio |
Audio 2 Audio | Voice Recognition
| Audio Classification | Vocal
Sentiment Analysis | Voice Cloning
| Auto Speech Recognition | Audio
Generation | Generative Music
Composition | Pitch Recognition |
Part of Speech [POS] Tagging



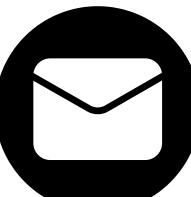
MISCELLANEOUS

Model Quantization | Prompt Engineering | Design
Automation | AI Agent Building | Multimodal Modeling
| Machine Translation | Procedural Content Generation
| Autonomous System Building | Synthetic Data
Generation | Data Annotation | Steganography | Image
Denoising | Image Dehazing | Data Augmentation |
Autonomous Navigation | Robotic Operating System
[ROS] | Knowledge Graph Generation | Variational
AutoEncoder [VAE] | Graph Neural Networks [GNN] |
Cyber Physical Systems | Reinforcement Techniques |
Predictive Maintenance | Risk Assessment | Game
Theory | Federated Learning | Swarm Intelligence



Reach out

 aXtr.in

 info@aXtr.in

 Incubated :
PSG STEP

 Registered :
3/55 Sivanandhapuram,
Saravanampatti (POST),
Coimbatore, Tamil Nadu,
India, ZiP Code - 641035