



Accelerating time-to-market for AI/ML products

Helping teams across the AI/ML lifecycle
with personalized workflows

centrox.ai

Why CENTROX ?

Our empathy with founders and years of experience in artificial intelligence helps us keep solving complex problems

19

AI SYSTEMS

Trained & Developed

32

PRODUCTS DELIVERED

End to End Solutions

6.8M

DATA POINTS LABELED

with Human in the Loop

People We've Worked With



Products we have Developed

Our focus has always been on building production grade AI products for the real world out there in specific areas

Gen AI

**Natural
Language**

**Computer
Vision**

AI Product

LLM



Pocket Mate - AI Companion



User App: AI - POWERED LISTENER

Mental health support, anytime, anywhere. Helping people converse with the AI mental health companion and gain resources to manage their well-being.

Professional App: AI - POWERED ASSISTANCE

Elevating Focus of Therapists by enabling them do what matters most: their patient's and their own well-being.

Natural Language

LLM



Realestate Chatbot



Personalized Realestate Recommendations

An AI chatbot that recommends properties and provides additional services based on user preferences like property inspection guidelines, ensuring a smooth real estate experience.

Technologies Used

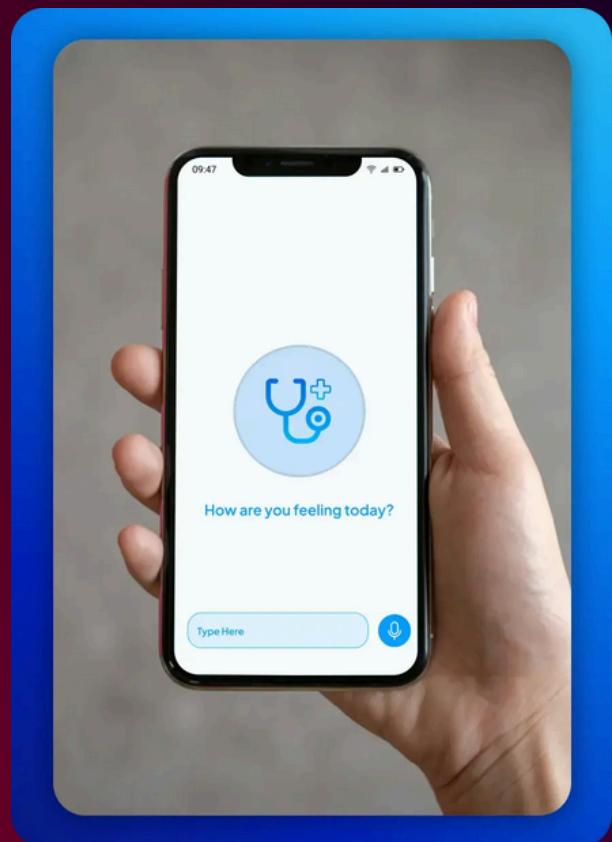
GPT-3.5 (LLM), React, LangChain, Custom tools & agents, FastAPI, Docker

Natural Language

LLM



Mental Health Chatbot



Providing psychological assistance

Using the RAG pipeline, This chatbot strives to offer personalized support for mental health by understanding user queries and delivering empathetic responses.

Technologies Used

LangChain, OpenAI, FastAPI, React, Docker

Natural Language

LLM



Chat with Document



AI Chatbot for Document-Based Q&A

An intelligent chatbot designed to provide answers based on your uploaded documents.

Technologies Used

Meta-LLama-2 (LLM),
Together-AI, RAG,
LangChain, Chroma-db,
FastAPI, Docker

Computer Vision



Object Placement on Map



Real time Dumpster Placement Tool

The current approach to dumpster placement in urban areas lacks dynamism and fails to leverage data-driven insights, resulting in several inefficiencies. Suboptimal dumpster locations lead to longer and more complex collection routes, increasing fuel consumption and operational costs.

Technologies Used

SAM, FastSAM, Fastapi, AWS sagemaker(ECR, S3, EC2), Google map, PaperSpace Gradient, Nvidia Triton, Docker, Docker-compose, Terraform, Yolov8-seg, react js, ONNX, OpenVino

Computer Vision



Snap and Measure



Precise Body Measurements

Our AI model combines sophisticated algorithms and deep learning techniques to provide unparalleled accuracy and reliability for 10 body points.

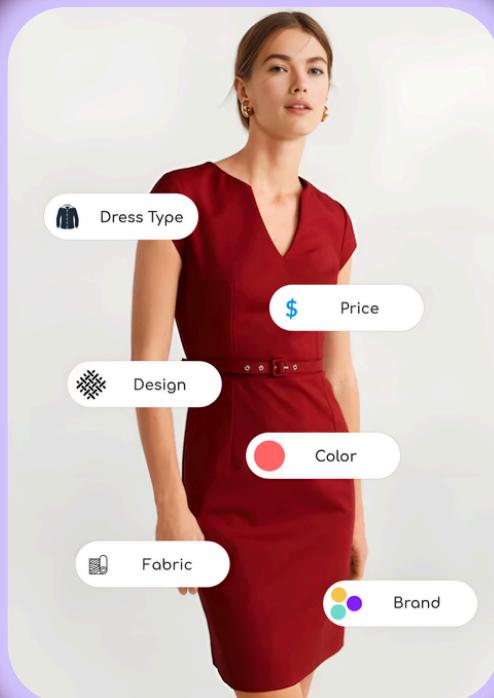
Technologies Used

Detectron2, Alphapose, Halpe, Tensorflow, Python, CVAT, Flask, Docker

Computer Vision



Labeling Dresses with AI



Labeling Dress Photos with AI

AI solution seamlessly generate labels for any provided dress image. Having a capability of accurately generating upto 21 labels, it can solve a lot of unique pain points in the fashion-commerce value chain.

Technologies Used

ResNet-34, ResNet-50, COCO, Tensorflow, Python, Flask, Docker

Computer Vision



Sports Motion Detection



Real Time Object Detection Tool

The challenge lies in developing models capable of accurately detecting objects despite variations in scale, orientation, lighting conditions, and occlusions.

Technologies Used

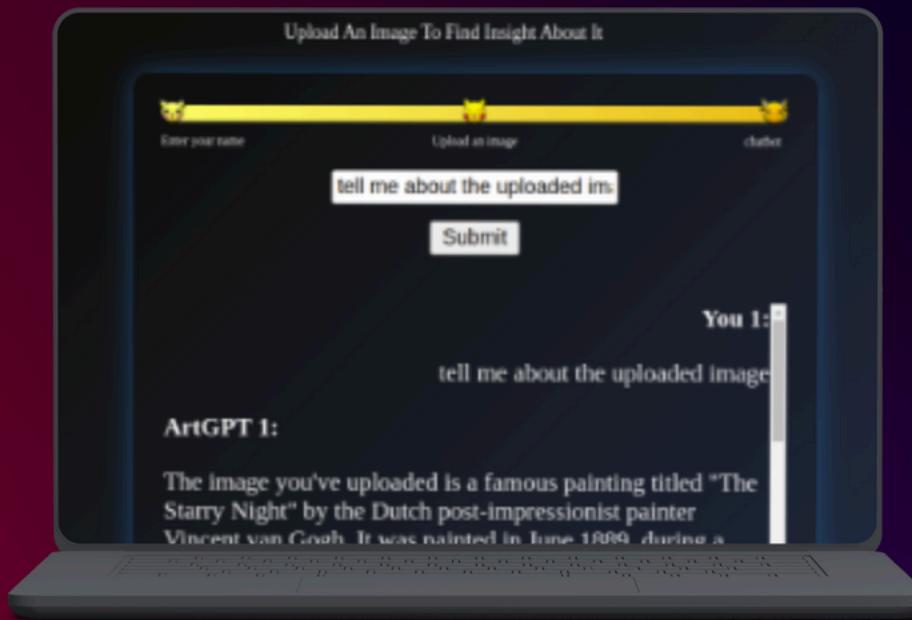
YOLO-v9, MS-COCO, Python

Computer Vision

LLM



GPT Art Insights



Gathering Art Insights

The challenge lies in developing robust image analysis algorithms that can accurately understand and interpret diverse visual content, while also providing meaningful and relevant insights to the users in an intuitive and user-friendly interface.

Technologies Used

GPT4-vision, Llava-Next, FastAPI, Huggingface, React



Pricing & Timeline

General ballparks executing a **fully managed** and **personalized** workflow for your AI/ML needs

Pricing mentioned in this table is for **one** highly skilled **AI/ML Engineer** having with a multitude of experience in different domains and sectors.

With our **extensive experience**, we will assign the **right people** for your AI problem!

AI/ML Stage	POC (~2 years exp.)	MVP (~3 years exp.)	Production Grade (~5 years exp.)
Price (Original)	\$30/hr	\$40/hr	\$50/hr
Price (Discounted)	\$15/hr	\$20/hr	\$30/hr
Timeline	upto 1 month	3-6 months	6-9 months
Final Outcome	Live Demo	Live Product (Optimized)	Live Solution (Benchmarked)



Need help to build your AI/ML Product?

Reach us at:
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WEBSITE
www.centrox.ai

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