

Best Technology Talent For Companies Around The World



Maksym

Data Scientist, Machine Learning Specialist

Summary

Machine Learning Engineer with over 5 years of experience in designing and deploying scalable AI systems across social media, healthcare, e-sports, and document automation domains. Proven success in leading ML infrastructure design, LLM fine-tuning, fraud detection, and computer vision systems serving millions of users globally. Skilled in full-cycle AI development — from problem definition to production-ready models and monitoring. Combines strong technical leadership with hands-on expertise in Python, AWS, GCP, TensorFlow, PyTorch, and LangChain.

Certificates:

GCP Professional Machine Learning Engineer

AWS Certified Machine Learning – Specialty

TensorFlow Developer Certificate

TECHNICAL SKILLS:

- Languages: Python, SQL, C++
- Frameworks & Libraries: TensorFlow, PyTorch, Transformers, OpenCV, NumPy, Pandas, SciPy, scikit-learn, XGBoost, LangChain, Anthropic, Ollama, llama.cpp, LM Studio, HuggingFace, Axolotl, MLX
- Cloud Platforms: AWS, GCP, Azure
- ML Domains: Fraud Detection, Recommendation Systems, Dynamic Pricing, Matching, Anomaly Detection, Classification, Clustering, Regression, Meta Learning, Feature Engineering

- Model Architectures: CNN, RNN, Encoders/Decoders, Transformers, LLMs (fine-tuning, prompting)
- Other Skills: A/B Testing, Multi-armed Bandits, Bayesian Networks, Data Engineering, Real-time Inference
- Tools: Redis, DynamoDB, S3, Glue, SageMaker, Kinesis, Lambda, Athena, Lake Formation, Redshift

Professional Career

Data Scientist, Machine Learning Team Lead

February 2020 – present | Ukraine

Project 1 info:

Leading the design and deployment of an AI-based anti-fraud system for a large-scale social media platform serving over 400 million users and processing 300k new registrations daily.

Responsibilities:

- Designed and implemented near real-time fraud detection infrastructure with scalable AWS architecture.
- Managed a cross-functional team of engineers and data scientists through model development and deployment.
- Optimized fraud detection recall (0.5–0.8) and precision (0.92–0.98).
- Oversaw the integration of prediction pipelines into production environments with A/B testing and monitoring.

Software and technologies:

Python, SQL, AWS (DynamoDB, S3, Glue, SageMaker, SNS, SQS, Kinesis, Lambda, Athena, Lake Formation, Redis, Redshift)

Project 2 info:

Developed a Computer Vision platform for automated data labelling and custom CV model training from sports footage.

Responsibilities:

- Led a team of six engineers (AI, DevOps, Frontend, Backend).
- Designed the end-to-end CV workflow — data ingestion, annotation, model training, evaluation, and deployment.
- Integrated YOLOv5 models for automated detection and data augmentation.
- Delivered a full production-ready platform featuring automated model training, annotation assistance, model evaluation, and data augmentation capabilities.

Software and technologies:

Python, OpenCV, AWS (S3, Lambda, EC2), Ultralytics, YOLOv5

Project 3 info:

Built an AI-powered clinical documentation assistant that converts doctor-patient voice recordings into structured medical insights using LLMs and NLP.

Responsibilities:

- Developed an end-to-end speech-to-text pipeline with OpenAI Whisper and LLMs.
- Implemented insight extraction and data validation workflows to ensure clinical accuracy.
- Scaled system throughput from 10 to 1,000+ daily processed conversations.
- Implemented automated quality assurance and monitoring for continuous model performance.

Software and technologies:

Python, Azure, OpenAI, Claude, Gemini, LangChain

Project 4 info:

Developed an AI-based form-filling automation system using LLMs to process personal data and different PDF formats.

Responsibilities:

- Created an intelligent document parsing pipeline for fillable and flat PDFs.
- Optimized AWS Lambda execution for cost-effective processing.
- Implemented modular data-splitting and result-merging algorithm for multi-page forms.

Software and technologies:

Python, LangChain, Claude, AWS (S3, Textract, Lambda)

Project 5 info:

Designed a Bayesian Network model for predicting disease probability based on patient symptoms and demographics.

Responsibilities:

- Collected and structured data for 25+ diseases.
- Developed probabilistic model for clinical decision support.
- Designed algorithm for recommending additional diagnostic tests.

Software and technologies:

Python, Bayesian Networks

Education

2014 – 2020

Zaporizhzhia State Engineering Academy

Master's Degree in Software Engineering (with Honours)

Foreign Languages Skills

English: Upper-Intermediate

Ukrainian: Native