

Valerii Verezhynskyi

AI Engineer | 2x Founding Engineer

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PROFESSIONAL EXPERIENCE

Refact.ai 🔗

Founding Team Member, Data & Backend Engineer

Nov 2021 – Feb 2024

I was the first employee at a startup founded by ex-OpenAI engineer, Oleg Klimov.

Remote

- Collected **60 Million** Code Repositories & co-authored in a creation of a Dataset used for training Code Completion model Refact-1.6B-fim (SOTA 2022, 32% HumanEval pass@1)
- Developed an LLM Inference Backend (OSS, Enterprise)
- Developed a Telemetry & Statistics for Code Completion Model, User Activity

Founding Team Member, AI Developer

Feb 2024 – Jan 2025

Remote

- Developed LLM Client in Rust
- Owner of Telemetry & Statistics
- Developed RAG for Code Completion & Chat using AST and Vector Search code retrieval
- Developed Agent Capabilities for LLM: repository exploration, planning, autonomous changes application (SWE bench-compatible)

Coxit, AI Developer, Consulting Engagements 🔗

Feb 2025 – Jun 2025

Remote

I was hired as an expert to bootstrap Prototypes of LLM-powered applications, working autonomously.

- Developed Named Entity Recognition Model for Personal Information Identification, WASM-compileable
- Engineered MCP Server with RAG for feeding LLM with Technical Documentation in Construction Domain AND Evaluation using LLM-as-a-Judge; Medium 🔗

BeeSensible, Founding AI/ML Engineer, Fractional Architect 🔗

Jul 2025 – Dec 2025

Remote

I was recruited as the solo engineer to architect and ship the company's entire AI/ML stack from zero.

- Created an end-to-end MLOps Pipeline: training, storage, deployment
- Developed a streaming-first latency-optimized BERT/LLM Inference backend
- Created a reusable pipeline for Synthetic Dataset Generation for fine-tuning LoRAs/BERTs
- Delivered production-ready AI/ML Backend, ML Ops, Synthetic Data Pipeline, Finetuned BERT & LoRAs (70 labels, F1 93%)

STACK

Languages: Python, Rust

Tools & Technologies: uv, fastapi, protobuf, websockets, vllm, llama.cpp, onnx, aim, mlflow, postgres, docker

Environment: macOS, Proxmox, bare-metal/HPC deployment, neovim, forgejo

Natural Languages: English, Portuguese, Russian, Ukrainian

EDUCATION

B.S, Engineering, National Technical University of Ukraine 'Kyiv Polytechnic Institute'

2018 – 2022

Kyiv, Ukraine