SHOPLIKOV ALISHER

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EXPERIENCE

Yeltech LTD Astana, Kazakhstan
LLM Engineer Sep 2025 - Present

- Developed production chatbots using LangGraph with long-term and short-term memory systems via async PostgreSQL store and checkpointers, enabling context-aware multi-session conversations
- Achieved 30% faster response times through parallel query execution and 40% cost reduction via task-specific model routing. For example: using lightweight models for few-shot classification and routing complex queries to advanced models
- Deployed containerized chatbot services using Docker Compose with full-stack API integration and LangFuse observability

Victory Technology Astana, Kazakhstan
ML & Data Engineer Oct 2024 - Sep 2025

- Built production ready text classification system using BERT, achieving 0.82 macro F1-score and 25% improvement in recall for the minor classes
- Implemented Local LLM deployment using vLLM for Qwen3 with improved inference and latency - 14% increase in tokens generated per second
- Optimized requests to the OpenAI api via batching and saved up to 50% in input and output tokens cost

PROJECT

Development of ML Models for Inflation Forecasting in Post-Soviet Countries Jun 2025
Bachelor thesis focused on designing and evaluating machine learning models for inflation forecasting in post-Soviet countries using macroeconomic time series data.

- implemented data preprocessing pipelines, including Monte Carlo simulation for missing values and log transformation for skewed distributions
- developed and compared ML models on multivariate and univariate datasets
- evaluated model performance and used SHAP for explainability to highlight key factors driving inflation predictions

EDUCATION

Astana IT university Astana, Kazakhstan
BS Computer Science *GPA: 3.39* Sep 2022 - Jun 2025

Astana IT university Astana, Kazakhstan
MS Applied Artificial Intelligence Sep 2025 - Jun 2027

ACHIEVEMENTS

AI-Hackathon by shai.pro Sep 2025
Built an automated meeting assistant for call center workers, providing instant feedback and generating Google Calendar events and Jira notes. Leveraged Llama Scout, Shai Pro's platform with agentik AI workflows, and GigaAM for audio transcription and diarization.

Meta LLaMA Accelerator Jul 2025
Top 5 team in Meta Llama Accelerator, where we designed a self-improving RAG system using Langchain and pgvector with automated learning from user feedback. Implemented full pipeline including NER-based anonymization, vector indexing with reranking, and LoRA fine-tuning on quantized LLaMA models.

Datathon by GDSC Nov 2024
1st place among 50+ teams - developed ML-based solution for city transport optimization. Built a real-time traffic flow prediction system achieving R^2 of 0.821 using Random Forest and XGBoost.

SKILLS

Core:	Python, FastAPI, Docker, SQL, Git, PyTorch, scikit-learn, NumPy, Pandas
Machine Learning:	Linear & Logistic regression, XGBoost, Random Forest, PCA, SHAP
NLP & LLM:	Langchain, Langgraph, RAG, Transformers, BERT, vLLM, Text Classification, NER