

Zhanmadi Toleugazyuly

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About Me

Python developer with experience in web development and data science. I strive for continuous development, actively learning new technologies and improving both my technical and soft skills. I am open to projects where I can apply my knowledge and expand my professional competencies.

Projects

Development of a machine learning model for inflation forecasting in Post-Soviet countries

📁 Google Drive

- Collection of data from reliable sources (World Bank) and its processing.
- Finding the best way to solve the problem and developing models

Podconversion

📁 Repository

- An application capable of generating a presentation/video presentation from an audio file. Whatever it may be - a university lecture, podcast, and much more.
- Tools Used: PyTorch, FastAPI, subprocess, faster-whisper, Ollama + gemma3:4b, Stable Diffusion Pipeline, gtts, moviepy

Diamond Price

📁 Repository

- We were involved in developing a model to predict the value of a diamond based on given parameters (carat, volume, etc.).
- Tools Used: Flask, Bootstrap, joblib, pandas, scikit-learn

Skills

Programming & Tools: Python, SQL, NoSQL, Git, Linux, Docker, AWS (EC2, S3, SageMaker)

Machine Learning: data preprocessing, feature engineering, model selection, training and evaluation, model deployment

Backend Development: FastAPI, REST API, PostgreSQL, MongoDB

Education

BS **Astana IT University**, Computer Science

- GPA: 2.95/4.0

Astana, Kazakhstan
Sep 2022 – Jun 2025

Achievements

Datathon GDSC, Astana IT University

1st Place

- Developed a model to predict bus arrival times at stops; best-performing model — XGBoost.
- Tools Used: pandas, matplotlib, numpy, seaborn, scikit-learn, geopy

Astana, Kazakhstan
Nov 2024

Licenses & Certifications

NDG Linux Essentials

Dec 2023 - Mar 2024

AWS Academy Graduate - AWS Academy Cloud Foundations

Dec 2024