#### Artemenko Yevhenii

LinkedIn, Github, portfolio

#### Skills

Programming Languages: Python, SQL, JavaScript

Frameworks & Libraries: Frappe, PyTorch, LlamaIndex, LangChain, FastAPI, OpenCV, Scikitlearn, Huggingface, Pandas, NumPy, Matplotlib, Seaborn, ERPNext

Technologies & Tools: LLMs, Computer Vision, Prompt Engineering, EDA, API Development

(FastAPI, Flask), Docker, AWS, Heroku, Linux

**Languages**: English (Upper-Intermediate), Ukrainian (Native)

## Work experience and Projects

# JSC "Ukrposhta"

Python Backend Engineer

Kyiv, Ukraine

Email: ar.yevhenii@gmail.com

05/2023- Present

- Order Management Systems: developed from scratch systems for online stores "Postmark" and "Ukrposhta Pharmacy". Implemented projects enable seamless and efficient management of the entire order cycle, from order placement on the website to final delivery to the customer.
- Warehouse Management System:
  - Developed from scratch a WMS for pharmaceutical warehouse management. The system automates all product distribution processes and optimizes warehouse productivity by integrating an algorithm for laying out the shortest routes.
  - The core of the system was designed to be universal, so it was also adapted for warehouse management of distributing postal products to branches across the country.
- **Fiscalization Service**: developed a system for integrating OMS with the <u>State Fiscal Service</u> by creating a FastAPI wrapper for a legacy Java project. The solution enables full fiscalization of orders, including online and offline fiscalization, receipt cancellation, and Z-report generation.

 CGS-team
 Remote

 Junior AI Engineer
 04/2023- 12/2023

- Summarization API: Developed a Flask-based API for extracting and summarizing financial memos and articles using LLMs, particularly GPT-4o. The system processes both PDF files and URLs, converting extracted information into structured JSON responses. Implemented a web scraping module for automated article retrieval, parsing, and content extraction from Substack, ensuring accurate data collection. Key features include financial data summarization, company ticker extraction, sector classification, and topic identification.
- RAG: Participated in the development of a RAG-powered financial document analysis system for querying financial reports via live chat. Contributed to building document uploading, embedding, and retrieval pipelines using LangChain and Pinecone, enabling efficient semantic search across financial statements. Integrating OpenAI's LLM to generate context-aware responses based on retrieved report data.

## Education

National Technical University 'Kyiv Polytechnic Institute'

Kyiv, Ukraine *09/2021-05/2025* 

Bachelor of Science in Computer Science

**Relevant Courses**: Deep Learning, Natural Language Processing, Data Mining, Data processing and analysis, Fuzzy Models, Databases, Parallel Computing, Biostatistics.