

Shendrikov Yevhenii

Python Developer

With almost 3 years as a Python Developer, I have a broad skill set spanning diverse domains. I excel in creating and managing data gathering, analysis, and automation solutions, particularly in ETL pipelines, async APIs, and data workflows. I'm well-versed in machine learning, including LSTM models, sentiment analysis, and classifiers. I'm also adept at code optimization, quality assurance, and thorough documentation. I've consistently improved team efficiency through streamlined processes and open communication.

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github.com/Ruskiy-Voyenny-Korabl-Idi-Nakhuy

WORK EXPERIENCE

NLP Engineer Freelance

12/2020 - 05/2021

Achievements/Tasks

- Developed sentiment analysis models for Ukrainian and English texts using various LSTM models and machine learning classifiers.
- Conducted comparative analysis of NLP models, presenting results through detailed reports.
- Designed and constructed a Django-based web app with text document analysis capabilities.

Python Developer Simporter

05/2021 - 03/2023

Kyiv

Achievements/Tasks

- Created and maintained data collection scrapers using Scrapy.
- Implemented internal APIs using FastAPI.
- Revamped data processing pipeline with modular steps, parallel processing, and monitoring.
- Designed Django and FastAPI admin panels for data management.
- Utilized Pandas and Numpy for data processing and analysis.
- Set up CI/CD pipelines using Jenkins and GitHub Actions.
- Established infrastructure services like Graylog and Prometheus.
- Automated and optimized data scraping and delivery processes.
- Authored technical documentation and guides.

Software Engineer GlobalLogic

03/2023 - Present

Kyiv

Achievements/Tasks

- Collaborated on designing an Azure cloud solution, managing scenarios, repositories, and deployments through pipelines.
- Conducted in-depth research on undocumented legacy code.
- Designed and implemented Python-based ETL pipeline logic for smooth data extraction, transformation, and loading.
- Utilized Data Factory pipelines and Azure Functions in Python for workflow optimization.
- Enhanced Python codebase to significantly improve performance, including debugging complex queries.
- Engineered asynchronous APIs using FastAPI.
- Orchestrated setup and maintenance of robust CI/CD pipelines.
- Demonstrated expertise in quality assurance by creating comprehensive tests using pytest.
- Enhanced team understanding through well-documented code and informative architecture diagrams.
- Presented demos to English-speaking stakeholders.

EDUCATION

Computer Engineering

National Technical University of Ukraine 'Kyiv Polytechnic Institute'

09/2018 - 07/2022

GPA: 3.87 (Diploma with Honours)

SKILLS

Programming Languages: Python3, JS, C, Java

Backend Frameworks: FastAPI, Django, Flask

Frontend: HTML5, CSS3, Bootstrap, JQuery

DBMS: PostgreSQL, MongoDB, Redis, InfluxDB, Elasticsearch, MSSQL

Azure: Data Factory, Functions, AKS, ACI

CI/CD: Github Actions, Azure Pipelines, Jenkins, Pytest

DevOps: Docker, k8s

ETL: Airflow, Scrapy

Monitoring & Visualization: Prometheus, Grafana

Other: ML, Numpy/Pandas, AsyncIO, Graylog, Cryptography

PERSONAL PROJECTS

- Django Movies and TV Streaming Guide App .
- FastAPI Translation App featuring a Proxy Pool.
- NLP with LSTM for Sentiment Analysis of UA/EN texts.
- C Compiler
- Object-Caching Kernel Memory Allocator

CERTIFICATES

★ Python for Everybody Specialization- Coursera
4L96DVT4D5HC

★ Internet History, Technology, and Security - Coursera
WMKVS2SQSFXC

★ Django for Everybody Specialization - Coursera
SSTB2857R22Z

★ Using Databases with Python - Coursera
EKN5QA9S6CVF

LANGUAGES

Ukrainian
Native or Bilingual Proficiency

English
Full Professional Proficiency

Norwegian
Elementary Proficiency

Italian
Elementary Proficiency

INTERESTS

Cryptanalysis

Painting

History

Chess