

Taras Lelak

AI Engineer

CONTACT

taraslelak5@gmail.com

Highly skilled AI Engineer with over **8+ years of experience** in developing Machine Learning Models, deep learning architecture. Strong problem-solving and analytical skills, with a passion for learning new technologies and keeping up with industry trends

EDUCATION

- **Master of Computer Science**, The National University of Ostroch Academy, 2011-2017

TECHNICAL SKILLS

- **Programming languages:** Python2, Python3, Python, Java, JS/TS
- **Frameworks:** Django, FastAPI, LangChain, Swagger, Cypress, Jest,
- **Libraries/API:** TensorFlow, PyTorch, PySpark, NumPy, Pandas REST APIs, GraphQL APIs, OpenAI API
- **Databases:** MySQL, PostgreSQL, MongoDB, AWS DynamoDB
- **Platfroms:** AWS(Instance, Cognito, bedrock, S3, Lambda), Azure, CrewAI, Livekit, Vapi, Deepgram, ElevenLabs
- **Tools/Paradigms:** Git, Jira, Confluence, Docker, Kubernetes, Kafka, Jenkins, Webpack, BDD/TDD, Clean code architecture, Automated Testing, Agile Software Development,
- **Other:** Machine Learning, Computer Vision, AI, NLP, LLMs, Hugging face, LangChain, PineCone, Weaviate

PROFESSIONAL EXPERIENCE

AI Engineer **Dev.Pro** **Dec 2020 – Present**

- Spearheaded the development of **RAG application** leveraging **Weaviate**(Vector DB), **Azure OpenAI services**, significantly optimizing performance and productivity
- Developed and deployed **Manchine Learning models** for **predictive analysts, classification, and anomaly detection**
- Designed and implemented an advanced AI-powered **Voice GPT application**, utilizing **LLM**(tts-model), **OpenAI** technologies, and the **Asterisk** framework, to enhance the banking customer service experience.
- Designed and implemented **machine learning models** for **productions recommendation system**

Leveraged knowledge in Python, Django , Azure, Aterisk, RAG system, Prompting, TensorFlow, PyTorch, Azure OpenAI service

AI Focused on Python developer **Axe software** **Oct 2018 - Dec 2020**

- Good understanding of Machine Learning such as supervised learning, Unsupervised learning, regression, and Classification Linear Regression, Logistic Regression, K Nearest Neighbor, Decision Tree, and Random Forest using Python Packages such as **Scikit Learn, Pandas, NumPy, and Plotly**
- Processed and analyzed large-scale datasets, using **Numpy, Pandas, and Scipy** for feature extraction and transformation
- Managed **end-to-end software development lifecycle(SDLC)**, from planning and design to deployment and maintenance.
- Built data pipelines for preprocessing and feature engineering with **Pandas** and **Scikit-learn**
- Built and integrated API s with third-party services such as payment gateways and shipping providers.

Leveraged knowledge in MongoDB, GraphQL, Kafka, Pandas, Scikit-learn, SDLC, Numpy, Scipy, Deep learning

Python developer **Mighty Digital** **Feb 2017 - Oct 2018**

- Developed and maintained scalable Back end applications using **Python** and frameworks like **Django, Flask, and FastAPI**
- Built data-driven applications leveraging **Python, Pandas, and Numpy** for analytic and automation
- Leveraged **AWS services** such as EC2, S3 and Lambda to improve scalability of applications
- Automated software testing and deployment using **Pytest, Jenkins, Docker** for **CI/CD**
- Developed computer vision algorithms to aid in the local monitoring of the mosquito Aedes aegypti, an important disease vector.

Leveraged knowledge in Pytest, Jenkins, CI/CD, JavaScript, Docker, AWS, Azure, Numpy, Django, Flask, FastAPI, Pandas, NLP, Data visualization, MLOps, Computer vision

CERTIFICATION

- AWS Certified Solutions Architect - Associate
- Microsoft Certified: Azure Developer Associate

