Kostas Vasilopoulos

AI/ML Engineer

+30 6948111153



kvasilopoulos.com



k.vasilopoulo@gmail.com



kvasilopoulos



kvasilopoulos

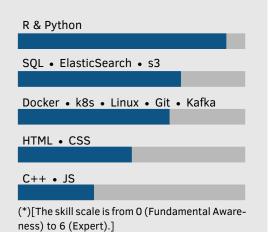
About me ——

I am a seasoned Machine Learning Engineer passionate about analyzing trends and delivering impactful, data-driven solutions. My dedication to precision and innovative problem-solving empowers me to address complex challenges effectively. I embrace a growth mindset and consistently rely on my systems to drive high-impact projects, foster team development, and lead initiatives that push the boundaries of AI and ML technologies. With a rapid learning curve and keen insight, I excel in communicating and collaborating with diverse teams and stakeholders.

General skills ———

- Machine Learning
- GenAI Solutions
- · Software Engineering
- · Natural Language Processing
- Large Language Models

Technical skills ——



Experience

May 2023 - ML Engineer, Manager

• Implemented MLOps best practices to enhance the efficiency, scalability, and performance of AI solutions within the platform.

- Managed the integration of Large Language Models (LLMs) into the platform, resolving technical obstacles and boosting platform capabilities.
- Technical Lead for Ethicara ML: Led the development and implementation of ethical AI solutions for Pfizer, ensuring compliance with industry standards and guiding responsible AI practices.
- Engaged with users and stakeholders to align platform enhancements with business goals, while fostering cross-team collaboration

July 2021 - ML Engineer May 2023

Reportbrain

Pfizer

- Tech Lead for company-specific contributions to the Infinitech and AI4PP European projects (horizon 2020)
- Led the design and implementation of a distributed data collection system in Kubernetes, enabling horizontal scaling to support millions of jobs daily.
- Deployed multiple ML models to production, integrating them into the platform with autoscaling, microbatching, and runtime optimizations, resulting in a 320% increase in throughput and a 40% cost reduction.
- Delivered API microservices with integrated Postgres, Elasticsearch, and analytics capabilities, enhancing the platform's data processing and retrieval.

Nov 2020 - Research Associate - Housing Observatory

Lancaster University

- Developed scalable and efficient methods for data analysis and model development, enhancing data cleansing, manipulation, and processing within existing software applications and frameworks.
- Achieved recognition for the Housing Observatory, featured in prominent economics journals like The Times, with findings actively utilized by practitioners and institutions such as Central Banks.

May 2019 -Sep 2020

Research Assistant - Housing Observatory

Lancaster University

- · Analyzing and modelling UK national and regional housing markets.
- Developing interactive tools for real-time monitoring of real estate markets.
- Maintaining the website to ensure optimal performance and user experience.

Oct 2016 -Sep 2020

Graduate Teaching Assistant

Lancaster University

- Teaching Economics for UG and PG to classes of 15-80 students.
- · Received outstanding evaluations

Education

2016 - 2020 Ph.D in Economics

Lancaster University, UK

- · Published work on esteemed journals
- Received Departmental Studentship Award, 2016–2019
- Presented my research at several conferences and workshops

2014 - 2016 M.Sc Economics

University of Macedonia, Greece

· Received Scholarship awarded based on academic excellence

2009 - 2014 B.Sc Economics

University of Macedonia, Greece