

Giorgos Zachariadis

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WORK EXPERIENCE

Senior Associate – AI Engineer

Aug 2026 – Present

PwC Greece

Athens, Greece

- Led and architected 8+ LangGraph-powered agentic AI systems across public sector, regulated industries, and international engagements.
- Designed and optimized hybrid RAG pipelines with Qdrant and Azure AI Search, achieving over 95% retrieval accuracy, 45% lower latency, and 35% lower token usage.
- Defined AI governance and LLMOps standards with 100% run traceability, evaluation, and model lineage through MLflow and LangFuse.
- Owned technical direction end-to-end across multiple concurrent agentic AI projects and mentored junior engineers across the practice.

Associate – AI Engineer

Apr 2024 – Aug 2026

PwC Greece

Athens, Greece

- Architected a cloud-native ML orchestration platform with async execution, autoscaling, and experiment tracking.
- Implemented end-to-end ML pipelines on Microsoft Fabric, with AutoML, and model lifecycle management.
- Delivered scalable REST APIs following MLOps and DevOps best practices for public sector clients.
- Mentored engineers, led the PwC Greece Python Community, and collaborated with business stakeholders to align technical solutions with business goals.

Software Engineer

Feb 2023 – Mar 2024

PPC S.A.

Athens, Greece

- Designed ETL pipelines and dashboards for 100+ users, enhancing data workflows and insights.

Military Service

Nov 2022 – Nov 2023

Ministry of National Defense, Hellenic Army

Athens, Greece

- Served as IT Support Engineer, providing systems support and IT consulting.

Data Science Intern

Apr 2022 – Sep 2022

Augmenta (Acquired by CNH Industrial)

Athens, Greece

- Developed AI-driven solutions to optimize agriculture logistics and reduce crop damage for 50+ companies.

Junior Machine Learning Researcher

Aug 2021 – Oct 2022

AUEB University, NLP Group

Athens, Greece

- Conducted research on NLP, Computer Vision, and Deep Learning for medical diagnosis, using CNNs, RNNs, Transformers with PyTorch and TensorFlow for model development and evaluation. [\[publication\]](#) [\[code\]](#)
- Placed **1st** and **2nd** in [ImageCLEFmedical](#), an international competitive campaign for image analysis and retrieval.

RESEARCH AND PUBLICATIONS

AUEB NLP Group at ImageCLEFmedical Caption 2022 [\[publication\]](#) [\[code\]](#)

- Placed 1st and 2nd in ImageCLEFmedical, an international competitive campaign for image analysis and retrieval.
- Researched Medical Image Captioning using CNNs, RNNs, Transformers with PyTorch and TensorFlow.

EDUCATION

AUEB University

Oct 2018 – Sep 2022

BSc in Informatics, Major: AI and Data Systems

Athens, Greece

- **Grade:** 8.15/10, **Top 4% of class**, Four-year Degree (240 ECTS)
- **Thesis:** Exploring Uni-modal, Cross-modal, and Multi-modal Medical Captioning [\[paper\]](#)
- **Relevant courses:** Machine Learning, Artificial Intelligence, Statistics, Time Series, Software Engineering.

Certifications

Microsoft: Azure AI Engineer Associate (AI-102) [\[credential\]](#), Azure AI Fundamentals (AI-900) [\[credential\]](#), Azure Data Fundamentals (DP-900) [\[credential\]](#), Azure Fundamentals (AZ-900) [\[credential\]](#)

AWS: Cloud Practitioner (CLF-C02) [\[credential\]](#)

SKILLS

Languages: Python, SQL, Java, .NET, R

ML/AI: Agentic AI, LangGraph, LangChain, LiteLLM, LLMs, APM, RAG, Qdrant, Azure AI Search, FastEmbed, MLflow, LangFuse, FLAML, scikit-learn, TensorFlow, PyTorch, OpenCV

Data: Microsoft SQL, PostgreSQL, MySQL, Microsoft Fabric, Oracle

Cloud & DevOps: Azure, Docker, Git, JFrog, Veracode, Datadog, DevContainers, CI/CD (Azure Pipelines, Azure DevOps, Github Actions), AWS, YAML, Bash, Linux

Frameworks & Others: FastAPI, Django, Spring Boot, Keycloak, Celery, RabbitMQ, RPA, Playwright, RShiny

Professional: Cross-team collaboration, stakeholder engagement, requirements analysis, project delivery

Spoken Languages: Greek (Native), English (Proficient), German (B1)