

# Georgios Zachariadis

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## WORK EXPERIENCE

<b>AI Engineer</b> <i>PwC Greece</i>	April 2024 - Present Athens, Greece
<ul style="list-style-type: none"><li>Engineered and led a scalable Machine Learning orchestration system for public sectors workflows, automating tasks, job scaling, and experiment tracking.</li><li>Built end-to-end Machine Learning pipelines on AzureML and Fabric, using FLAML and MLflow.</li><li>Developed RAG-based AI virtual assistants and Agentic systems with LangChain and modern LLMs.</li><li>Built and optimized backend APIs using Django REST and FastAPI in the public sector.</li><li>Applied DevOps best practices, using Docker and CI/CD pipelines for scalable, reliable cloud deployments.</li><li>Partnered with business stakeholders, mentoring engineers and leading the company's Python Community to drive maintainable code, best practices, and continuous improvement.</li></ul>	
<b>Software Engineer</b> <i>PPC S.A.</i>	February 2023 - March 2024 Athens, Greece
<ul style="list-style-type: none"><li>Designed ETL pipelines and built decision-making dashboards for 100+ users as the sole Java Spring developer for PPC's ETRM DataLab, improving data workflows and visibility.</li></ul>	
<b>Military Service</b> <i>Ministry of National Defense, Hellenic Army</i>	November 2022 - November 2023 Athens, Greece
<ul style="list-style-type: none"><li>Served as IT Support Engineer, providing systems support and IT consulting.</li></ul>	
<b>Data Science Intern</b> <i>Augmenta (Acquired by CNH Industrial)</i>	April 2022 - September 2022 Athens, Greece
<ul style="list-style-type: none"><li>Led an agricultural optimization initiative leveraging Scikit-learn and OpenCV to build AI-driven tools that improved logistics efficiency and reduced crop damage, supporting 50+ agricultural companies worldwide.</li></ul>	
<b>Junior Machine Learning Researcher</b> <i>AUEB University, NLP Group</i>	August 2021 - October 2022 Athens, Greece
<ul style="list-style-type: none"><li>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. <a href="#">[publication]</a> <a href="#">[code]</a></li><li>Placed <b>1st</b> and <b>2nd</b> in <a href="#">ImageCLEFmedical</a>, an international competitive campaign for image analysis and retrieval.</li></ul>	

## EDUCATION

<b>AUEB University</b> <i>BSc in Informatics, Major: AI and Data Systems</i>	October 2018 - September 2022 Athens, Greece
<ul style="list-style-type: none"><li><b>Grade:</b> 8.15/10, <b>Top 4% of class</b>, Four-year Degree (240 ECTS)</li><li><b>Thesis:</b> Exploring Uni-modal, Cross-modal, and Multi-modal Medical Captioning <a href="#">[paper]</a></li><li><b>Relevant courses:</b> Machine Learning, Artificial Intelligence, Statistics, Time Series, Software Engineering.</li></ul>	
<b>Certifications</b>	
<b>Microsoft:</b> Azure AI Engineer Associate (AI-102) <a href="#">[credential]</a> , Azure AI Fundamentals (AI-900) <a href="#">[credential]</a> , Azure Fundamentals (AZ-900) <a href="#">[credential]</a>	
<b>AWS:</b> Cloud Practitioner (CLF-C02) <a href="#">[credential]</a>	

## TECHNICAL SKILLS

<b>Languages:</b> Python, SQL (MS SQL, PostgreSQL, MySQL, Oracle, MongoDB), Java, R
<b>Machine Learning &amp; AI:</b> scikit-learn, MLFlow, FLAML, LangChain, LLMs, RAG, TensorFlow, PyTorch, ONNX
<b>Cloud &amp; DevOps:</b> Azure, Git, Docker, DevContainers, CI/CD (Azure Pipelines), YAML, Bash
<b>Others:</b> FastAPI, Django, Poetry/UV, Celery, RabbitMQ, Spring
<b>Languages:</b> Greek (Native), English (Proficient), German (B1)