



Rafail Matziridis

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WORK EXPERIENCE

 **HELLENIC ARMY – ORESTIADA, GREECE**

IT MANAGER – SOFTWARE ENGINEERING & DEVOPS FOCUS – 01/02/2024 – CURRENT

- Directed the complex IT infrastructure for the transfer of critical systems (servers, Active Directory, network infrastructure) during the relocation of 3 military units (Agenda 2030), ensuring zero downtime.
- **Drove a 25% increase in deployment efficiency** by architecting robust **DevOps pipelines**, including **Terraform** and **Ansible** for IaC, and implementing **GitOps** principles. Achieved **15% improved resource utilization** by leveraging **Kubernetes** container orchestration alongside the management of **VMware vCenter** and **Hyper-V** high-availability setups.
- **Spearheaded the transformation of monolithic applications into scalable microservices** using **Kubernetes** and **Docker**. Engineered event-driven architectures with **Apache Kafka** and **Apache Camel**.
- **Automated and optimized CI/CD using GitLab and Jenkins**, ensuring infrastructure consistency and accelerating delivery stability. Led application development using **Java (Spring Boot)** and **Python (Flask/Django)**.
- **Administered and upgraded critical IT infrastructure** (Active Directory, security policies, monitoring), reducing manual effort by **40%** through network service optimization (Windows Server, DHCP, DNS).
- **Mentored software engineers** in DevOps best practices and **Infrastructure as Code (IaC)**.

 **COMPUTER PROGRAMMING ACADEMY – HELLENIC ARMED FORCES**

ADJUNCT INSTRUCTOR OF PROGRAMMING – 20/08/2025 – CURRENT

- Taught introductory programming courses with emphasis on algorithms, data structures, and databases.



WEB DEVELOPMENT CONSULTANT – 01/07/2020 – 01/04/2022

- Built custom websites (WordPress, Drupal, Strapi) integrated with Python backends and React frontends.
- Managed Docker, VPS, cloud deployments, and CI/CD pipelines; ensured scalable & secure systems.

 **IT SYSTEMS & APPLICATION SUPPORT – HOTEL OPERATIONS** – PSAKOUDIA CHALKIDIKI, GREECE

HOTEL MELISSA GOLD COAST – 01/04/2014 – 10/09/2014

- Provided **support for critical information systems** and performed **application troubleshooting** in a hotel environment, including **hotel management systems and CRM applications**.
- Developed **scripts to automate workflows** and **reduce manual tasks**, improving operational efficiency.

EDUCATION AND TRAINING

01/09/2022 – CURRENT Thessaloniki, Greece

DEPARTMENT OF APPLIED INFORMATICS University of Macedonia

- **Ranked 2nd** in entrance examinations.

Field of study Information and Communication Technologies |

Thesis A Quantitative Assessment of Autoscaling Performance in the Context of Modernizing Legacy Banking Systems using Apache Kafka, Apache Camel, and Kubernetes for Scalable and Resilient Solutions.

CERTIFICATION IN PEDAGOGICAL AND TEACHING COMPETENCE University of Macedonia, Department of Applied Informatics

01/08/2025 – 10/10/2025

ADVANCED TRAINING IN WINDOWS SERVER & NETWORK SERVICES Computer Programming Academy – Hellenic Armed Forces

- Managed **Windows Server** environments, **Active Directory**, virtualization (**Hyper-V**), and high-availability setups.
- Focus included **DevOps and cloud-native practices, including Docker and Kubernetes**.

Final grade Excellent

- Networks and Server Management
- Virtual Machines and Virtualization
- Programming and Algorithms
- Mobile Development (Android)

Final grade Excellent, 95.46%

EDUCATION & TRAINING CERTIFICATIONS Microsoft, MongoDB, Codecademy

Certifications & Online Training

- MongoDB Associate Developer – MongoDB (Issued Jul 2025)
- Getting Started with AI Agents in GitHub Copilot – edX
- Use AI for Everyday Tasks – edX
- Codecademy Certifications: C, Python, HTML, CSS, JavaScript, PHP

11/09/2017 – 20/07/2020 Greece

NON-COMMISSIONED OFFICERS’ ACADEMY Hellenic Armed Forces

TECHNICAL SKILLS

Core Technical Competencies

- DevOps & Cloud: Docker, Kubernetes, GitHub Actions, VPS/Cloud (DigitalOcean, Azure), CI/ CD pipelines, GitOps, ArgoCD
- Backend: Java (Spring Boot), Python (FastAPI, Django, Flask), .NET (SOAP/WSDL services), data serialization & integration (XML, JSON, REST APIs), Node Js, Typescript
- Frontend: Angular, React, Next.js, HTML/CSS, Tailwind
- Databases: MongoDB, Microsoft SQL Server, Oracle, PostgreSQL
- Architectural Patterns: SOA (Service-Oriented Architecture), microservices, event-driven architectures, message brokers (Apache Kafka), Apache Camel, SOAP
- Tools: Strapi, Postman, Jenkins, WordPress, Git/GitHub

LANGUAGE SKILLS

Mother tongue(s): GREEK

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user