Vourtzoumis Michalis

Athens, Greece | m.vourtzoumis@gmail.com | portfolio | linkedin

Software engineer with a background in backend development, MLOps, and research-driven innovation. Experienced in EU-funded R&D projects through the Research & Innovation Development (RID) department at Netcompany-Intrasoft, contributing to platforms that blend applied research with real-world deployment. Strong academic foundation from the Department of Informatics and Telecommunications at NKUA, with a focus on scalable systems, integration architectures, and emerging technologies.

Work History

Sep 24 - Present **Software Engineer** **Hellenic Army**

Serving my military service as a software engineer at Greek Pentagon
- Contributed to the architectural design of these services, including component breakdown, data flow planning, and interface definitions
- Maintained and further developed two Spring Boot services backed by Oracle, ensuring stability, scalability, and alignment with updated system requirements

May 2022 - Sep 2024 **Software Engineer** **Netcompany Intrasoft**

R&D role in the Research & Innovation Development department, focused on Horizon Europe projects and internal software platforms.
- Led system integration and CI/CD tasks as Work Package and Task Leader in multi-partner EU projects
- Led technical meetings across international partner organizations to align system architecture, data flows, and interface designs
- Developed full-stack applications using Java (Spring Boot) and Vue.js, delivering functional assets for the research department and research projects
- Produced detailed technical documentation including interface mappings, data exchange specs, and UML diagrams
- Co-authored a peer-reviewed research paper presented at DATE 2025, based on work in GreenData.AI EU Project

Oct 2021 - Apr 2022 **Software Engineer - Internship** **Netcompany Intrasoft**

Internship in the RID department, focused on early-stage development of an MLOps platform.
- Assisted in building a modular MLOps prototype with components for model tracking, orchestration, and logging
- Supported automated deployments and system setup across virtual machines using configuration tools
- Gained hands-on experience in integration pipelines and multi-tool interoperability

Education

2024,
Athens, Greece

BSc in Informatics and Telecommunications

National and Kapodistrian University of Athens (NKUA)

Skills

Technologies Java (Spring Boot, Quarkus), Python, Vue.js

Databases & Tools PostgreSQL, Redis, MongoDB, Kafka, RabbitMQ, Docker, Jenkins, Airflow, Git