

ALEXIOS LOUKIS

Junior Cloud / DevOps Engineer

Patras, Greece | loykhsalexhs@gmail.com | alexiosloukis.dev | linkedin.com/in/alexiosloukis | github.com/AlexiosLoukis

PROFILE

Final-year Management Science & Technology student (Information Systems track) at the University of Patras, specialising in cloud infrastructure and DevOps. Hands-on with Docker, Linux, Python and GitHub Actions, currently working through Microsoft Azure and Terraform in preparation for the AZ-104 certification. Two international Erasmus+ IT placements (Spain, Portugal). Seeking a Junior Cloud or DevOps Engineer role.

TECHNICAL SKILLS

Containers: Docker, Dockerfile optimisation, Docker Compose, container networking

CI/CD & Automation: GitHub Actions, Git, automated build and test pipelines

Operating Systems: Linux (Ubuntu, Alpine), Windows, macOS

Languages: Python, Bash, SQL, Go (foundational)

Version Control: Git, GitHub, branching and pull-request workflows

Currently learning: Microsoft Azure (AZ-104 exam preparation), Terraform / Infrastructure as Code, Kubernetes

PROJECT

Multi-Container Web Application with Redis Caching

Aug 2026

Docker, Docker Compose, Python/Flask, Redis, GitHub Actions

github.com/AlexiosLoukis/flask-redis-docker-compose

- Built a Python/Flask REST API backed by Redis as an in-memory data store, packaged in an optimised Alpine-based Dockerfile to minimise image size and attack surface.
- Orchestrated a two-tier web-and-cache architecture with Docker Compose, configuring the internal service network, port mapping and startup dependencies between containers.
- Automated the Docker build and test process with a GitHub Actions CI workflow, so broken images are caught before they reach the main branch.

EXPERIENCE

IT Support & Hardware Technician — Erasmus+ VET Placement

Jun 2023 – Sep 2023

Mobility Projects by Universal Mobility SL

Valencia, Spain

- Delivered front-line technical support across two specialised repair centres, diagnosing and resolving OS, software and hardware faults in a client-facing environment with same-day turnaround.
- Performed OS installations, migrations and custom software configuration, specialising in macOS while also supporting Windows and Linux systems.
- Operated within an international team in a second language, becoming independently productive on unfamiliar systems and workflows within two weeks.

Junior Hardware Technician — Erasmus+ VET Placement

Nov 2021 – Dec 2021

ITEK Informática

Braga, Portugal

- Selected at age 16 for a competitive European vocational training placement in a foreign country.
- Supported daily IT retail operations, customer technical support, hardware diagnostics and software configuration for retail customers.

EDUCATION

University of Patras — BSc Management Science & Technology

Sep 2023 – Jun 2027

Information Systems Track

Patras, Greece

Relevant coursework: Object-Oriented Programming, Data Structures & Algorithms, Database Management Systems (SQL), Software Engineering, Cloud Technologies, Business Analytics.

CERTIFICATIONS & CONTINUOUS LEARNING

- Microsoft Certified: Azure Administrator Associate (AZ-104) — in progress, expected October 2026
- Boot.dev DevOps Engineer Path: Learn Docker, Git, Linux, Python (2026) — top 15% of users, 138-day study streak
- Machine Learning Course — University of Patras / KEDIVIM (February 2026)

ADDITIONAL

Languages: Greek (native), English (fluent, C1) • **Availability:** on-site, hybrid or remote in Greece; open to EU relocation