

Christos Karamolegkos

DevOps Engineer · Systems Administrator

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Skills

Systems Administration	Apache2, Nginx, PKI, SSH, Email, LDAP, OpenVPN, Virtualization, High Availability
DevOps	Ansible, Git, Github, Github Actions, GitLab, CI/CD, Docker, Podman, Kubernetes
Monitoring	Zabbix, Icinga 2, Nagios, Prometheus, Grafana, Monit, Munin, NetData, Uptime Kuma
Programming	Bash Scripting, Python, Jinja2, YAML, TOML, Go, LATEX
Web development	HTML/CSS, Bootstrap, Javascript, JQuery, Ajax, PHP, SQL, WordPress, Redis
Leadership	Team Leadership, Management, Technical Leading, Mentoring
Languages	Greek (native), English

Experience



Power Factors

Manager, Systems & Infrastructure

November 2024 - Now

- Managed a team of 9+ engineers, in a team focused on Systems & Infrastructure.
- Onboarded and mentored team members and acted as technical lead for the team.
- Architected robust solutions for both physical and virtual device deployment and spearheaded their implementation.
- Automated the cybersecurity hardening of field devices according to CIS benchmarks.
- *Relevant Skills:* **Leadership, Management, Linux, Bash, Ansible, Cybersecurity, Monitoring, Kubernetes**



Power Factors

Senior ITSM Engineer

January 2024 - November 2024

- Automated and performed deployment and maintenance across a fleet of more than 7500 servers and devices around the globe.
- Maintained hundreds of live services by monitoring performance indicators such as availability, throughput and latency.
- Grew systems by advocating for changes that enhance reliability, performance and serviceability.
- Collaborated with the development team to refine CI/CD processes and implement dozens of services, including native packages and containers, on both cloud and on-premises Kubernetes.
- *Relevant Skills:* **Linux, Bash, Ansible, VPN, Monitoring, Kafka, MQTT, Cassandra, Docker, Kubernetes**



Hellenic Army

Mandatory Military Service

March 2023 - December 2023

- Modernized a cryptographically-secure mobile communications platform between more than 650 remote devices across Greece.
- Standardized and documented tens of processes, enabling the training of both users and administrators in operating the platform.
- *Relevant Skills:* **Linux, VPN, SIP, Monitoring, High Availability, Python / Django, Docker, Android**



Hilon Informatics Systems

DevOps Engineer

May 2022 - March 2023

- Advocated for introducing tools and processes that respect DevOps best practices, such as the *twelve factors*.
- Overhauled the organization's infrastructure, implementing tens of VPN-only accessible, dockerized services like OpenVPN server, NTP, internal/external DNS server, GitLab, Ansible Controller, MTA (Postfix), and others.
- Launched two self-managed Kubernetes clusters using Ansible and *kubespray*, used for both development and production purposes.
- *Relevant Skills:* **Linux, Ansible, VPN, Bash, PKI, LDAP, Docker, Kubernetes**



GFOSS - OPEN TECHNOLOGIES ALLIANCE

Systems Administrator

July 2019 – March 2023

- Administered the organization's infrastructure of over 130 VMs, hosted on physical on-premise or cloud hypervisors, mainly running Debian OS, managed using the DebOps Ansible project.
- Deployed and configured hundreds of self-hosted and cloud service instances, including WordPress, Moodle, BigBlueButton, GitLab, Nextcloud, Matrix / Element / Jitsi, Redmine, Vaultwarden.
- *Relevant Skills:* **Linux, Ansible, LEMP Stack, VPN, Bash, LDAP, PKI, Docker, Monitoring**

Education



Department of Business Administration, University of Patras

December 2025 - September 2026

Basic concepts and methodologies for Business Administration.



Department of Electrical and Computer Engineering, University of Western Macedonia

October 2014 - October 2023

Graduated with an Integrated Master's degree (MEng) in Computer and Telecommunications Engineering.

For my *thesis* 'Design and implementation of an open-source platform for managing computer booting over a network', I developed a PHP and MariaDB based web application called *iBoot* using the *CodeIgniter 4* MVC PHP framework, the *Tabulator* JavaScript library and the *OpenAPI Specification*.

Certifications



Certified Kubernetes Application Developer (CKAD)

December 2025

Earners of this designation demonstrated the skills, knowledge and competencies to perform the responsibilities of a Kubernetes Application Developer.



Kubernetes and Cloud Native Security Associate (KCSA)

August 2025

Earners of this badge have demonstrated an understanding of the baseline security configuration of Kubernetes clusters to meet compliance objectives, including the ability to harden security controls, test and monitor the security, and participate in assessing security threats and vulnerabilities.



Kubernetes and Cloud Native Associate (KCNA)

July 2025

Earners of this designation demonstrated a basic knowledge of Kubernetes and cloud-native technologies, including how to deploy an application using basic kubectl commands, the architecture of Kubernetes (containers, pods, nodes, clusters), understanding the cloud-native landscape and projects (storage, networking, GitOps, service mesh), and understanding the principles of cloud-native security.



Linux Foundation Certified Engineer (LFCE)

March 2022

Earners of this designation demonstrated the skills, and competencies to perform the responsibilities of a Linux System Engineer, including the design and implementation of system architecture. Earners demonstrated proficiency in Essential Commands, Operation of Running Systems, User/Group Management, Networking, Service Configuration, Storage Management, System Design and Deployment. Validate at training.linuxfoundation.org. Certification ID: *LF-ok1fkflc1*

Also achieved: Linux Foundation Certified Associate (LFCA) with Certification ID *LF-lrIseaz8c*, Linux Foundation Certified System Administrator (LFCS) with Certification ID *LF-wxcluugus* and various course completion badges like "*LFS261: DevOps and SRE Fundamentals - Implementing Continuous Delivery*" and "*LFD201: Introduction to Open Source Development, GIT, and Linux*".



GitLab Certified Associate

July 2021

Individuals who earn GitLab Certified Associate certification are able to explain what GitLab is and why teams use it, perform basic Git commands for branching, merging, and remote work, and apply fundamental concepts and skills using GitLab within the DevOps lifecycle. Validate at gitlab.com/badgr.



WSO2 Certified Identity Server Developer - V5

June 2020

This certification is designed for application developers and architects who have a fundamental knowledge of IAM concepts and hands-on experience with WSO2 Identity Server. Validate at certification.wso2.com. Certification ID: *4TKN8V*