

Spyridon Amvrakidis



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Summary

My Name Is Spyros Amvrakidis

I started working with networks in 2015 when I was still in high school, I started in the same years to participate in it competitions in every genre from competitions programming, game creation to management or creation of entire systems eg (the management network of school students).

In 2018 I joined the municipality of Pavlos Mela as an apprentice Within 2 months became a system manager, the remaining 7 months they trusted me to build a new era in the municipality from request separation systems, recreates the internal networks of the municipality and the police up to total reconstruction of infrastructure such as (NAS, VMware ESXI / VCenter) along with them I made several automations in public processes as well as the backup of the then physical servers that existed.

Until now they still trust me as do several companies I have worked with after them.

And that's how I started , from then until now I've learned a lot , but it's still not enough and I believe it will never be enough.

Experience



Senior DevOps Engineer

Entain

Nov 2022 - Present (2 months)

Responsibilities

GCP infrastructure supervisor and Kubernetes specialist with a central role in the architecture, maintenance, security and improvement of the entire GKE infrastructure.

Impact

An increase of 70% in the speed of development and delivery of new features of famous casinos as well as in-house processes.

Significantly improve on security of the internal GKE infrastructure using ArgoCD, Argo Workflows, Istio Service Mesh and GitOps.

50% reduction in the likelihood of errors and unavailability of productive systems.

Awards

Internal award from Entain Group as the best hire in 2022 with the biggest impact in the cloud infrastructure and new technologies and architectures.



Mid Python Developer

Freelancer

Jan 2016 - Present (7 years)

Developer specialized in microservice architecture and software architecture via Python and Flask.

Senior DevOps Engineer

Enlabs

Nov 2022 - Present (2 months)

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Cyber Security Member | Hellenic Cyber Security Team

University of Piraeus

Mar 2022 - Oct 2022 (8 months)

Member of the National Cybersecurity Team. Comprehensive network security expertise.



Head of DevOps

INTERΣΑΛΟΝΙΚΑ ΟΜΙΛΟΣ ΕΠΙΧΕΙΡΗΣΕΩΝ

Nov 2021 - Oct 2022 (1 year)

Responsibilities

Responsible for the creation, maintenance, development, architectural design and improvements of the Kubernetes infrastructure. Development of group operational plans.

Ongoing communication with development departments for enhancement and internal operations.

Impact

Raise the production speed around 50%.

Move toward new technologies and modern systems.

Improved security through modern practices such as GitOps Principals and increased production speed in the development department through the development and creation of CI/CD/CT pipelines.

Awards

Promoted to the position of Head of Department within a short period of time due to performance and knowledge.

Leave Reasons: Better growth prospects and a very large wage difference.



System Administrator & DevOps Engineer

ZeusPlay

Sep 2021 - Dec 2021 (4 months)

Responsibilities

Responsible for maintaining and developing Kubernetes' architecture.

Impact

Improved applications in a Linux environment as well as increased endurance from online casinos under heavy loads.

Leave Reasons: Salary Problems



Mid Azure DevOps Engineer

Metron SA

Apr 2021 - Sep 2021 (6 months)

Responsibilities

Application architecture design and analysis C#.

Managing and designing AKS within Azure as well as developing APIs through Azure Functions.

Impact

Transfer to Azure Cloud environments using new and modern Azure mechanisms like AzureAD, Azure Secure Center, etc.

Increase system endurance by 30% with LoadBalances.

Improved database performance by utilizing MsSQL Clustering.

Leave Reasons: Department Closed



National Surveillance System Operator & Network Engineer

Πολεμικό Ναυτικό - Hellenic Navy

Jun 2020 - Apr 2021 (11 months)

Long-range Army Network Engineer and Secret Satellite Network Engineer.



DevSecOps Engineer

PSDM Athens

Oct 2020 - Jan 2021 (4 months)

Improve security and security processes, improve and maintain IT systems in not-for-profit organizations.



Senior DevOps Engineer / Consultant

Municipality of Pavlos Melas

Aug 2019 - Apr 2020 (9 months)

Planning & analysis of government IT projects, enhancement of existing security infrastructure.

Building and maintaining a large network with central centers.

Creation and co-ordination of a core IT systems.



DevOps Engineer

Apifon

Aug 2019 - Sep 2019 (2 months)

Enhanced and secure existing Active Directory infrastructure with Kerberos protocol and increased encryption, as well as creation of security roles and reorganization of existing organization chart.

Leave Reasons: Military Service



DevOps Engineer

Municipality of Pavlos Melas

Oct 2018 - Aug 2019 (11 months)

Creation of a management system for virtual machines.

Creation of a central storage system.

Creation of a central system for managing network support.

Migration of physical machines to virtual machines.

Creation and transmission of fiber optic networks and airspace networks.

Education



University of Derby

Bachelor of Technology - BTech, Computer Systems Networking and Security

2022 - 2027

Licenses & Certifications



Cybersecurity Essentials - Cisco Networking Academy



PCAP - Python Software Foundation



NDG Linux Essentials - Network Development Group



Introduction to IoT - Cisco Networking Academy



Wide Area Networks and Networking Services and Security - Revised - Alison



Network Server Security - Protecting the Server and Client Computers - Alison



Microsoft Digital Literacy - Computer Security and Privacy - Alison



Computer Networking - Digital Network Security - Revised - Alison



DevOps Engineering - Kubernetes , Docker and Google Cloud - Alison



NVidia Deep Learning Institute - NVIDIA



Certified Network Security Specialist (CNSS) - ICSI (International CyberSecurity Institute), UK
gvztcfhyxe



Google Cloud Fundamentals: Core Infrastructure - Google
EVV2H3YMVD8Z



Helm - The Kubernetes package manager hands-on course
UC-61d25782-9bf8-4f3f-8887-7bb841b3195f



Helm - The Kubernetes Package Manager hands-on course
UC-61d25782-9bf8-4f3f-8887-7bb841b3195f



GitOps Fundamentals - Codefresh
6333fb0e5ed8f051c640f506



Developing a Google SRE Culture - Google
7RH3RN9NREC7

Skills

Network Security • Network Architecture • Domain Name System (DNS) • Cluster • Cloud Computing
• Virtual Private Network (VPN) • Shell Scripting • Active Directory • VMware vCenter • VMware vSphere

Honors & Awards



THE CHILD, A VICTIM OF THE HOLOCAUST - Ministry of Research and Religion of Greece

First place nationwide in a video creation with an Open Source program about the Holocaust that took place in the World War.

http://attik-old.pde.sch.gr/cms/index.php/contests/download/2034_6c23c97483545d41e92ca1d9ba62bb92.html



METEOROLOGICAL STATION CONSTRUCTION - NOESIS

Creating a weather station for Oracle on Linux Server with Python 2.7 / PHP / Apache Server / Oracle Database