

Stefanos Stathatos

DevOps Engineer
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📍Athens, Greece

Skills

Orchestrators

Kubernetes

Cloud

AWS, Azure, GCP

CI/CD

Jenkins, ArgoCD

Containerization

Docker

Programming Languages

Python, Bash

OS

Linux

IaC

Terraform, Ansible

Monitoring

ELK, Grafana, Prometheus

Databases

MySQL, PostgreSQL

VCS

Git

Certifications

Solutions Architect Associate

AWS

Certified Kubernetes Administrator

The Linux Foundation

Languages

English

Fluent

German

Basic

DevOps Engineer with 8 years of experience specializing in automation, cloud services, and CI/CD pipelines. Proficient in Docker, Kubernetes, AWS, and Jenkins, with a proven track record of improving operational efficiency and collaboration. Experienced in managing production environments and enhancing deployment processes.

Experience

Nespresso via Amaris - Remote

November 2024 - Present

DevOps Engineer

- Deployed and maintained Jenkins on Kubernetes, leveraging dynamic pod-based agents to provide scalable CI/CD infrastructure capable of supporting dozens of pipelines running concurrently across multiple engineering teams.
- Designed and implemented Jenkins pipelines to automate complex database operations and operational workflows, standardizing CI/CD processes to improve efficiency and reduce human error across production activities.
- Deployed and maintained Grafana monitoring stacks on Kubernetes (OCI), integrating Prometheus and database exporters to provide centralized observability, production dashboards, alerting, and metrics visualization.
- Developed and maintained Ansible playbooks for the database squad and contributed Infrastructure as Code (IaC) automation to the organization's central Ansible Automation Platform (AAP) code repository.

Earth Science Analytics - Athens

November 2019 - November 2024

DevOps Engineer

- Designed and automated deployment processes using CI/CD pipelines with Jenkins, supporting an internal team of developers and significantly boosting productivity.
- Orchestrated deployment and management of a SaaS web application designed for the oil and gas industry with Kubernetes in a test, QA and production environment.
- Deployed and managed a Django application with a MySQL database, supporting machine learning computations, in both Azure Kubernetes Service (AKS) and Amazon Elastic Kubernetes Service (EKS), ensuring high availability and scalability.
- Developed Python-based automation leveraging AWS, Azure, and GCP APIs to provision and manage cloud infrastructure for machine learning workflows and deployments.
- Provisioned infrastructure deployment in both AWS and Azure environments using Terraform, improving efficiency and consistency.
- Reduced infrastructure costs by 30% using Infracost for cost analysis and optimization.
- Implemented cloud security best practices by incorporating private subnets, bastion hosts, and security groups.
- Used ArgoCD to implement GitOps by synchronizing Git repositories with Kubernetes clusters, ensuring declarative and version-controlled deployments.
- Monitored and maintained web SaaS application's performance using Kubernetes-native tools and Prometheus/Grafana for observability.

<https://www.earthanalytcs.ai/>

Earth Science Analytics - Athens

November 2018 - November 2019

BackEnd Developer

- Designed and implemented containerization strategy using Docker.
- Developed unit tests to validate individual components and functions within RESTful API and database.

<https://www.earthanalytics.ai/>

Education

Technical University of Crete - Greece

BSc-MSc, Electrical and Computer Engineering

<https://tuc.gr>