

Paul Cosma

DevOps Engineer - paul@cosma.dev

Summary

Software Engineer with 10+ years of software development and IT operations experience, using various programming languages and technologies, as well as extensive experience in Automation and Performance testing.

Experience

DevOps Engineer at PwC 2022 - Present

- Managed Production and Stage environments pipelines and deployments for EMEA region using Azure, Azure Kubernetes Service, Terraform, Ansible, and CouchBase.
- Provided support to customers for integration with Data Platform apps and tools.

DevOps/SRE Engineer at AirportLabs 2021 - 2022

- Designed, built, sized, and maintained cloud-based solutions for the aviation industry, which impacted the travel of over 150 million passengers per year.
- Migrated apps between cloud providers with no downtime, participated in interviews, and trained interns.
- Automated deployments, monitored systems, and developed microservices using AWS, Azure, Hetzner, On-Prem, Kubernetes, Istio, Helm, Docker, Docker Swarm, Terraform, Ansible, Gitlab, Grafana, Prometheus, Loki, Mongo, MySQL, RabbitMQ, and JavaScript.

DevOps/SRE Engineer at SoftAZ 2017 - Present

- Built and maintained a highly available home data center with fully automated processes using a variety of technologies including KVM, Debian, Proxmox, Kubernetes, Containerd, Docker, Docker Swarm.
- Developed infrastructure as code to configure web, email, and media servers, as well as continuous integration, using tools like Terraform, Ansible, Jenkins, Gitlab.
- Created a cloud-like infrastructure from scratch and gained valuable experience working with a range of technologies, including NGiNX, HAProxy, SSL, NFS, Grafana, Prometheus, Cloudflare and Keepalived.

DevOps and Performance Engineer at accessa.eu 2016 - 2021

- Designed and implemented the ToPS (*performance.ro*) app using JMeter, Docker, Kubernetes, EKS, AWS, and GCP.
- Administered Kubernetes clusters and created CI/CD pipelines for building and deploying applications.

Automation Engineer & Team Lead at Ecommerce, LLC 2014 - 2016

QA Engineer at Fortech 2012 - 2013

Shop Assistant at Spar Dublin 2011 - 2012

Summer Jobs in Romania, Ireland and Germany 2007 - 2011

Education & Certifications

Bachelor's Degree in Computer Sciences, Technical University of Cluj-Napoca 2007 - 2011

CKA: Certified Kubernetes Administrator 2020

AZ-900: Microsoft Certified: Azure Fundamentals 2022

AZ-104: Microsoft Certified: Azure Administrator Associate 2023

Languages: English (Professional working proficiency) **Romanian** (Native or bilingual proficiency)
