Eleftherios Kousourakis

Nationality: Greek/Luxembourgish
Date of birth: 29/02/1992, Athens Greece
in github e.kousou@pm.me Blog

---------- **Summary**

Senior DevOps with 7+ years' experience in AWS & Azure cloud providers.
Strong expertise in architecting cloud solutions from the ground up that span across multiple regions ensuring high availability and automatic failover. Focused on Microservices Oriented Architecture and Distributed Systems.

---------- **Technical Skills**

DevOps	Terraform, Terragrunt, Ansible, Azure Pipelines, Azure DevOps, Jenkins, Github Actions, Flux, GitOps
Languages	C# (.NET), Java (Spring), Scala, Bash, Powershell, Python
Messaging	AMQP, MQTT, STOMP, WebSockets, RabbitMQ, Azure Service Bus, AWS SQS, AWS SNS, SignalR, Azure Relay
Virtualization	Vagrant, VirtualBox, Hyper-V, IIS, Tomcat
NoSQL	DynamoDB, Elasticsearch, Cosmos DB
RDBMS	MySQL, Postgres, MariaDB, SQL Server, SQLite
Monitoring	Zabbix, Datadog, Prometheus, SolarWinds Papertrail, ELK stack, Azure Application Insights, Azure Monitor, AWS Cloudwatch, AWS Cloudtrail, Site24x7
SAST	SonarQube, Snyk, Roslyn, Checkov, ansible-lint, tfsec
Containers	Kubernetes, AWS ECS, AWS Fargate, Azure Containers, Docker

---------- **Professional Experience**

Senior DevOps Engineer - ARHS Cube   May 2021 – Present

- Architect and provision multiple and on demand environments using Terraform, Terragrunt in Azure while being on budget.
- Setup end to end release process to production, code scanning and CI/CD using Azure pipelines via Azure DevOps to ensure frequent and quality deliverables.
- Support development team with developing features to deliver complex business logic using C#, .NET 6 and EF6 and Azure Functions.
- Train and support team for cloud topics, best development practices, git and release process.
- Achieve hybrid cloud observability to ensure and assure system health, functionality and performance
- Increased Scrum Team morale by helping making the retrospective interactive and pleasant which lead to increased overall team engagement.

DevOps Engineer – CarpayDiem   2020 – 2021

- Architect & migrate microservices from on premises servers to the cloud using AWS and Kubernetes. Ensure least access principle on networking, user/resource access via IAM and cloud services.
- Provision reproducible and on demand cloud environments using Terraform.
- Mentor junior developers to adopt best practices that improve team deliverables (PR review, Test Driven Development, Code formatting etc.)
- Frequently facilitate Scrum events as a ScrumMaster (Daily, Retrospective etc.)

DevOps & Backend Engineer – **Airboxlab**   2016 – 2020

- Expertise in infrastructure formation from scratch with focus on high availability, fault tolerance and monitoring. Emphasis on Infrastructure as Code methodology. (Docker, Ansible, Zabbix, ELK, AWS)
- Develop REST APIs, based on microservices pattern (50+ services), with API Gateway, dynamic documentation, stateless authentication
- Provision remote Linux systems around the world with priority on robustness, accessibility and observability. (Systemd, Debian, Zabbix, fluentd, AWS S3, Ansible)
- Continuous deployment pipeline for 3 datacenters, ensuring zero down time, using containers and dynamic service discovery (Docker, AWS ECS, Consul, Jenkins, Git)
- Pub/Sub messaging for internal & external usage worldwide (RabbitMQ, MQTT, STOMP, AMQP)

Education & Certifications

B.Sc. in Electronic Systems Engineers of Technological Education, Piraeus University Of Applied Studies, Greece
4 years
French, National Institute of Languages, Luxembourg	2018 - Present
Certified ScrumMaster® ScrumAlliance, Certification, Badge	3 Days
Running Containers on Amazon Elastic Kubernetes Service, Fast-Lane, Certification	4 Days
AWS Cloud Practicioner Essentials, AWS, Certification	2 Days
Software security training, Rangeforce, Certification	1 Month
DevOps Engineering in AWS training, Fast Lane	4 Days
Security Engineering in AWS training, Fast Lane	3 Days
AZ-500: Microsoft Azure Security Technologies Training, Microsoft ESI	4 Days
AZ-500: Microsoft Azure Security Technologies Training, Microsoft ESI	4 Days
SC-200: Microsoft Security Operations Analyst Training, Microsoft ESI	3 Days
AZ-400: Designing and Implementing Microsoft DevOps Solutions Training, Microsoft ESI	2 Days

Languages

Greek (native), English (C2, 7+ years professional experience), French (B2), Luxembourgish (B1), German (A2).

Personal Interests

- IT & Software Security,
- Open-Source Software Contributions ,
- DevOps, Software & Agile Conferences (DevOps Days, Agile Prague, All systems Go, Fossdem, Voxxed Days)
- Snowboard & Krav Maga