

Chema de la Sen

 cedelassen |  chema-de-la-sen |  chemadelasen@gmail.com |  +31 0645608211

SUMMARY

Experienced **Cloud DevSecOps Engineer** with over **4 years** of experience in **building, securing, and maintaining infrastructure** and deploying software in various environments. Skilled in automation and configuration management tools such as **Ansible** and **Terraform**, containerization technologies like **Docker** and **Kubernetes**, and cloud platforms like **AWS** and **Azure**. Proven track record of implementing and maintaining secure **CI/CD pipelines** and in-depth understanding of **security best practices** in the DevOps space. Proficient in **Python** and **Golang** for scripting, and a strong problem-solver who enjoys working in fast-paced, dynamic environments.

WORK EXPERIENCE

DevSecOps Engineer at Swisscom (Rotterdam, The Netherlands, Nov 2021 - present)

- Designed CD approach through GitOps principles using FluxCD.
- Maintained and secured VMWare Tanzu kubernetes clusters in multiple environments.
- Deployed, configured and maintained Istio service mesh in different K8s clusters.
- Defined the release management process.
- Created and maintained Jenkins CI pipelines and shared libraries.
- Developed Helm charts to manage and release microservices.
- Defined the threat model of the product and adopted security measures.
- Integrated security tools to manage and prioritize security vulnerabilities.
- Developed and tested (REST/gRPC) CRUD operations for backend microservices.
- Instrumented microservices and defined metrics/alerts.
- Deployed and maintained Postgresql and MongoDB database clusters through K8s operators.

DevOps Engineer at Telefónica (Madrid, Spain, Feb 2019 - Oct 2021)

- Implemented IaC using tools such as Terraform and Ansible.
- Deployed and maintained Azure infra (AKS, WAF, App.Gateway, Service Bus, Storage, VNets, MariaDb, etc)
- Deployed and maintained AWS infra (EC2 instances, Route53, Security Groups, ACLs, etc)
- Created and maintained Jenkins CI pipelines and shared libraries.
- Automated the creation of manifests through Jinja2 and ARM templates.
- Migrated Telefonica products with thousands of users from AWS to Azure.
- Monitored and troubleshooted production environments.
- Configured and deployed ELK clusters and Grafana + Prometheus monitoring systems.
- Written scripts/tools to reduce toil.

Researcher at University of Alcalá (Madrid, Spain, Jan 2019 - Jun 2019)

- Researched efficient guiding of the adjustment of the reverse Voronoi problem.

EDUCATION

2020 - 2022 MSc in **Cybersecurity** at **University of Alcalá** (GPA: 8.24/10.0)
2015 - 2020 B.S in Computer Engineering at **University of Alcalá** with **honors** (GPA: 8.2/10.0)

SKILLS

Programming/Scripting languages	Python, Golang, Bash, Groovy
Configuration Management	Ansible, Terraform
Cloud Platforms	AWS, Azure, VMWare
Containerization	Docker, Kubernetes
Security	Snyk, Trivy, OPA, Falco
CI/CD	Jenkins, FluxCD
Observability	Prometheus, Grafana, ELK, Filebeat, Auditbeat, Packetbeat, Splunk, Kiali
Databases	Postgresql, MongoDB, MariaDB
K8s ecosystem	Istio, Bitnami Sealed Secrets, Helm