Adrián Martínez Bemposta

A Coruña - Spain
✉ adrian@abemposta.com
🖥 www.abemposta.com

DevOps engineer with a huge cybersecurity background. I have a degree in Computer Engineering and a master's degree in Cybersecurity.

I'm interested in DevOps, IaC, automation and cybersecurity. I like to deploy and configure services using the simplest, most automatable and scalable approach. I have a homelab and several VPS to play around as a hobby and also for learning purposes. I host many things for fun, such as my personal website. I'm passionate about what I do and I'm constantly learning about new services, programs and technologies.

Experience

Mar 23-Now   **DevOps Engineer**, *SEIDOR Opentrends*, Barcelona (remote)

Started as a member of *Squad Security*. Working in a **Kubernetes** environment with multiple clusters.
- Managing the **Istio** service mesh. Support to multiple teams in different areas and clusters.
- Managing HashiCorp **Vault**.
- Developing APIs using **Go** for automating Istio and Vault tasks.
- Tasks regarding **Prisma Cloud** and integrations.

Then, I was briefly in a data project, helping manage various **jenkins** instances across several cloud providers. Pipeline creation, fixes and several *dockerization* tasks. Currently working with **ArgoCD** alongside the Platform team. Definition of resources via **git**. Main tasks include integration with other teams, fixes and improvements to the current setup. Working with **Kubernetes** and **Openshift** in a multi cloud environment.

Sep 20–Mar 23   **DevOps Engineer**, *Enxenio SL*, A Coruña

Improvements to the systems developed in the internship and some new tasks. After some time, I adopted a role that enabled me to detect possible improvements regarding the infrastructure and finally develop a well documented solution. I was usually the one that introduces new frameworks to the existing workflows.
- Migration of existing applications to **AWS**, using **ansible** automation.
- Ticket support through **RedMine**: Misc problems, updates, deployments…
- Monitor servers with **Zabbix**: keep an eye on alerts and proactively fixing problems when possible.
- Create performance test plans with **jmeter**.
- Application log centralization with **Grafana Loki**.
- Build and maintain **CI/CD** pipelines for new applications.
- Instance customization using cloud init.
- Implementation of Database High Availability and Point in Time Recovery with **postgres**, **patroni**, **barman**. Testing and documentation.

Sep 22–Jan 23   **Cybersecurity Analyst Intership**, *Enxenio SL*, A Coruña

375 hours.
- Implementation of a SIEM using **Wazuh**. Creation of all the necessary infraestructure and installation of agents with proper configuration and integrations using Ansible for automation.
  - Dashboards for easier visualization of security events.
  - Docker integration.
  - Monitoring of Security Configuration.
  - IDS/IPS capabilities with active response.
  - Integrations with external services: AWS, abuseipdb, YARA rules, virustotal…
- Redefining backup strategy and policies: documentation and testing.

Feb 20–June 20	**DevOps Engineer Internship**, *Enxenio SL*, A Coruña

450 total hours, 250 curricular practices and 200 extracurricular.

- **CI/CD**: Jenkins, SonarQube, Sentry, GitLab CI, Nexus.
  - Creation and configuration of a preproduction environment for CI/CD.
- **Sysadmin**: Proxmox, SSH, VNC, LVM, Shell Scripting, LDAP, DNS, nginx, tomcat, docker.
  - Creating and managing diverse VMs on Proxmox, as well as other servers.
  - Migrating applications to docker environments
- **Automation and monitoring**: Ansible and elastic stack.
  - App monitoring with elastic APM.
  - Automatic deployment of elastic beats with Ansible.
  - Several other automation tasks with Ansible, such as installing packages and securing SSHD on new servers.

Education

2021-2023	**Master's degree in Cybersecurity**, *Universidade da Coruña*, A Coruña, Spain

Average score: **9.11/10**

Honorable Mentions in:

- Incident Management
- Master's degree final project, **SIEM integrations to improve the detection and response capabilities in an organization**

2015-2021	**Degree in Computer Engineering**, *Universidade da Coruña*, A Coruña, Spain

Honorable Mentions in:

- ICT Management Standards
- Network Design
- Administration of Infraestructures and Information Systems
- End-of-degree project, **Passive Traffic Analysis on local area networks**

Awards

2021	**Best End-of-degree project**, *Cátedra R en Ciberseguridade UVIGO-UDC*

Languages

English	Full professional proficiency
Spanish	Native
Galician	Native

Skills

Programming Languages	Go, Python, Shell, Java, C, C++
Operating Systems	Linux, BSD
Containerization	Docker, Kubernetes
Databases	PostgreSQL, mysql, MariaDB, mongoDB
Version Control	Git, Subversion (SVN)
Automation	Ansible, Terraform, Cloudinit, Packer
Email	Dovecot, Postfix, fail2ban, SpamAssassin, DKIM, DMARC, SPF
Web Servers	Nginx, Traefik, Caddy v2, apache2, HAProxy
Monitoring and security tools	Elastic Stack (ELK), Wazuh, Zabbix, Prometheus, Cadvisor, Grafana, Loki
Kubernetes security	Istio, Vault, Prisma
CI/CD	Jenkins, ArgoCD, GitLab CI, SonarQube, Sentry, Nexus
Cloud providers	AWS, Hetzner