

Adrián Martínez Bemposta

A Coruña - Spain

✉ adrian@abemposta.com

🌐 www.abemposta.com

I'm a 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 way. 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. I am also learning pentesting and I participate in CTFs from time to time with my friends.

Experience

Sep 20–Mar 23 **DevOps Engineer**, *SEIDOR Opentrends*, Barcelona (remote)

Member of *Squad Security*. Working in a Kubernetes environment with multiple clusters.

- Managing the **Istio** service mesh.
- Managing HashiCorp **Vault**.
- Developing components using **Go**.

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'm 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 Internship**, *Enxenio SL*, A Coruña

375 hours.

- Implementation of a SIEM using **Wazuh**. Creation of all the necessary infrastructure 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 Infrastructures 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
Editors vi/vim/neovim
Databases PostgreSQL, 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
Backups Borg, Bacula
Continuous Integration Jenkins, SonarQube, Sentry, Nexus, GitLab CI
Cloud providers AWS, Hetzner