SERGIO ROSELLÓ

DevSecOps

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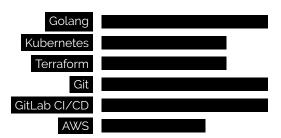
github.com/sergiorosello

sergiorosello

WHO AM I?

I'm fueled by curiosity, it is the reason I wake up every day. This means I will never be able to stop learning or observing. Attitudes like teamwork, perseverance and passion define me as a person. Aptitudes are developed from that foundation onward.

Golang

Kubernetes

Terraform

Git

GitLab CI/CD

AWS

EXPERIENCE

2020 – Current	**DevSecOps**	**Scalefast**

Full time

I am focused in ensuring that the security of our applications meets Scalefasts standards throught the whole SDLC. These are some of the projects I have been involved in to accomplish my mission: **Kubernetes** admission controllers to prevent vulnerable images from being deployed into our infrastructure. Dynamic Pluggable **Gitlab CI Security pipelines** to perform vulnerability, secrets and missconfiguration analysis. Secret lifecycle management with **Hashicorp Vault**. Container image securization and analysis with **ECR** and **Trivy**. Integrated Shift-Left security tool that includes **DAST, CSA, Secrets** checks on source code.

```
Kubernetes / Bash / Golang / OPA Gatekeeper / Hashicorp Vault / Terraform
/ AWS / Gitlab CI/CD
```

2018 – 2020	**QA Engineer**	**Wave Location Technologies**

Full time

My role is to ensure the quality of every app under the company's name. To accomplish this, I have implemented a end-to-end test automation framework, and a CI server with Jenkins.

```
Ruby / Bash / Jenkins / Linux / Gherkin / Appium
```

PUBLICATIONS AND CONFERENCES

15-06-2023	**Building robust applications**	**AWS Summit Madrid**

Co-host of this conference talk. I focused on security best practices throughout the SDLC

12-01-2023	**OWASP ZAP API DAST analysis with TALOS**	**Scalefast engineering tech blog**

An in-depth review of how TALOS DAST module works, and how we use it

12-01-2023	**Introducing TALOS**	**Scalefast engineering tech blog**

A first introduction of TALOS, a Shift-Left security tool aimed at providing a suite of security scanners to developers

EDUCATION

present	**Let's Go Further Golang development course**	**Let's go further - Alex Edwards**

Develop production-grade golang with a focus on web servers.

2019 – 2021	**Master's Degree in Cybersecurity**	**UNED**

Studied topics such as forensic analysis and ethical hacking, malware analysis, and machine learning applied to Cybersecurity.

2014 – 2018	**Bachelor's Degree in Software Engineering**	**U-TAD**

The Degree is very practically focused. This means I have had a hands on approach to everything I have learned here. My Bachelor's Degree Final Project was focused on an analysis of double authentication methods on GNU/Linux systems with a special focus on PAM

PERSONALITY

Currently

ISFP   **Myers and Briggs'**
I focus on the job at hand, always prioritizing personal relationships first. Stoic. I tend to pause for a better answer. Self-improvement is always on my To-Do list. Less is more.

LANGUAGES

Spanish - native
Catalan - native
English - C1 - Cambridge

HOBBIES

I enjoy learning about GNU/Linux and configuring my system (Arch + dwm).
Photography. I will go everywhere with my camera.
Spending time with my family.
Sport is a key part of my life.

OPEN SOURCE

I believe Software should be Open Source as it serves as a learning platform for aspiring developers as much as a community effort to break current boundaries and limitations.

OTHER EVENTS - CHRONOLOGICAL ORDER

2019

Photography exhibition   **PRINTO - C/ Dr. Vicente Pallarés, 24 46021, Valencia**
A collection of my street photographs.

25-01-2019

Setup an automated testing server with Jenkins and AWS Device farm   **Faun - Medium**
Step by step configuration of a Jenkins, AWS - Device Farm CI server

01-12-2018

Leverage the power of open source and don't reinvent the wheel   **Hacker Noon - Medium**
How not to waste time reusing good open source

2017 – 2018
part time

Game developer   **Project Nyama**
Working as a Game developer with some friends from University. My role was to program the enemy's tracking and attack algorithms.

`Unity / C#`

1998 – 2013

A-Levels   **The Lady Elizabeth School**
I went to this English school when I was 3 years old and finished studying there at 17, afterwards, I went to University.