Martin Alonso Vilar

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SUMMARY

Information Security professional with 7 years of industry experience in Software and Security Engineering. Specialised in application security and development with a solid understanding of Linux operating systems. Looking for Enterprise Cybersecurity Engineering endeavors for further professional growth and specialisation.

CORE COMPETENCIES

Vulnerability Management, Web Application Security, Python, Bash, JavaScript, OWASP, CI / CD, SecDevOps, Penetration Testing, Terraform, AWS, Cloud Security, Docker, Software Engineering, Web Development

INDUSTRY CERTIFICATIONS

OSWE *Offensive Security Web Expert*	Oct. 2022
OSCP *Offensive Security Certified Professional*	June 2020
CBROPS *Cisco CyberOps Associate*	July 2021 – July 2024
CEH *Certified Ethical Hacker*	Nov. 2019 – Nov. 2022
RHCE *Red Hat Certified Engineer*	July 2019 – July 2022
RHCSA *Red Hat Certified System Administrator*	June 2019 – July 2022

EXPERIENCE

Security Engineer   March 2021 – Present

Whereby   *Remote*

- Managed third party penetration testing audits and internal vulnerability management, leading and coordinating the remediation and patching of vulnerabilities.
- Built different organization security processes from the ground such as the company Vulnerability Disclosure Program, processes for handling police requests, and policies to be ISO 27001 compliant, among others.
- Performed technical security assessments, provided guidelines and best practices for different engineering teams while also spreading awareness on security matters at an organization level.

Application Security Specialist   Nov. 2019 – Feb. 2021

Stang Decision Systems   *Remote*

- Hardened company infrastructure and software solutions, set a secure private network, deployed a SIEM (Wazuh) and assessed its security alerts and resolutions, designed an incident response guide for valuable assets.
- Identified and patched software vulnerabilities present in systems and applications, worked alongside the development team providing security guidance and best practices.
- Implemented secure CI pipelines for software applications with static code analysis, unit testing and automatic deployments to development, staging and production environments.

Full Stack Developer   Feb. 2016 – Nov. 2019

Stang Decision Systems   *Marquette, MI (USA)/ Remote*

- Improved the authentication method of different web application services into a single sign-on ecosystem.
- Designed and developed setup scripts to set the working environment of the development team for the existing software projects, helping the on-board process for future engineers of the company.
- Designed and transformed a single server monolithic multi-application architecture into a multiple server architecture with standalone web applications.
- Refactored proof of concept project in Python into an internal fully functional web solution for the company.

EDUCATION

MSc in IT Security (Operating Systems and Networking speciality)   Sep. 2018 – June 2019

Universitat Oberta de Catalunya, Spain

- Completed the Security Vulnerabilities course with honours.

B.E. in Computer Science   Sep. 2011 – Sep. 2017

Universidade de Santiago de Compostela, Spain

LANGUAGES

Spanish, English, Galician