Marcos Martín Gutiérrez

DevSecOps Engineer

Rotterdam, NL · Relocating to Switzerland
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Nationality: Spanish · EU/EFTA citizen — eligible for Swiss Permit B

PROFILE

DevSecOps engineer who turns security process into platforms: CI/CD guardrails for 1000+ developers, policy-as-code, SBOM-backed vulnerability management, and HashiCorp Vault at high assurance. Application Security background in insurance. MSc Cybersecurity (completed); MSc Artificial Intelligence thesis deposited, pending defense. CISSP in preparation. EU citizen relocating to Switzerland.

EXPERIENCE

DevSecOps Engineer & Scrum Master

10.2022 – Present

Swisscom · Rotterdam

Secure software factory

- Integrated SAST, DAST, SCA, secrets detection and container/IaC scanning (Trivy, Checkov) into GitLab CI/CD used by **1000+ developers**; automated triage into actionable metrics.
- Golden path: scanners → SBOM (CycloneDX) / Dependency-Track → system of record (DefectDojo) → Jira (advisory, then enforce on CRITICAL).
- Policy-as-code with OPA/Styra (YAML metadata): no `:latest`, non-root, owner labels, deny public S3; office hours and champions.
- Kubernetes hardening: RBAC least privilege, Pod Security Standards, NetworkPolicies, image scanning, runtime monitoring (Falco).

Secrets & identity

- Led enterprise HashiCorp Vault: architecture on Kubernetes + Terraform, dynamic secrets in CI/CD, least-privilege policies, onboarding.
- Go CLI for Vault rekey / generate-root **key ceremonies** (GPG, YubiKey, health and token checks, coverage gate ∼95%).
- Fixed MFA AAL3 / OIDC claim mismatches across ACC/UAT/PROD.

Security transparency

- Took training, Security-by-Design assessments and vulnerability posture from local Python/Streamlit products to a scheduled ETL → enterprise BI pipeline (Parquet, S3, Glue, Athena; fail-closed publishes). GitLab runners to AWS via OIDC → IAM.
- LLM-assisted threat-modeling pipeline (diagrams → STRIDE threats and mitigations with mandatory human review).
- Scrum Master: servant leadership, Lean-Agile rituals, capacity and blocker removal.

Application Security Engineer

07.2021 – 09.2022

Aegon Insurance · Madrid

- AppSec services: secure code review, SAST/DAST (Kiuwan), vulnerability and pentest remediation, security requirements with architecture and business, IT security metrics.

Cyber Security Analyst

01.2021 – 07.2021

Between Technology · Barcelona

- Vulnerability testing of applications and infrastructure (C++, .NET, PHP); data protection and encryption; risk reports for delivery projects.

Test Manager

02.2019 – 01.2021

Giesecke+Devrient Mobile Security · Barcelona

- Test design and C++ automation in a mobile-security product organisation (Scrum).

EDUCATION

Master's Degree in Artificial Intelligence 2025 – present
UNIR — thesis deposited, pending defense: OpenAI-compatible AI Security Gateway (inbound threat detection, reversible DLP, routing); eval 17/17 PASS; ∼175 pytest. github.com/r4fik1/ai-security-gateway

Postgraduate Certificate in Data Engineering 2025 – present
UNIR

Master's Degree in Cybersecurity 2019 – 2021
UNIR — completed

Bachelor's in Telecommunications Engineering (Electronic Systems) 2013 – 2019
University of Valladolid

CERTIFICATIONS

CAISP	Certified AI Security Professional (Practical DevSecOps)	
CTMP	Certified Threat Modeling Professional	
CASP	Certified API Security Professional	
CCNSE	Certified Cloud Native Security Expert	
CCSE	Certified Container Security Expert	
CDP	Certified DevSecOps Professional	
ISO 27001	Internal Auditor (TÜV Rheinland, 2013 scheme)	expired 06.2024
CISSP	Certified Information Systems Security Professional	in preparation

SKILLS

CI/CD & cloud native: GitLab CI, Jenkins, Kubernetes, Docker, Terraform, OPA/Styra, Checkov, Falco, Vault Enterprise
AppSec / SSDLC: Semgrep, Trivy, ZAP, Gitleaks, Dependency-Track, DefectDojo, CycloneDX, STRIDE, OWASP
Engineering: Python, Go, Bash, C++ · Streamlit, pandas, Parquet, S3/Athena (security metrics)

LANGUAGES

Spanish C2 (native) · English C1 · German A1 (in progress toward B1)

Recognition: Telefónica ElevenPaths wireless-security study · Spanish IP filings (sensor data logger) · Santander Explorer 2019 · PROMETEO 2019 (×2). References available upon request.