Josué Martins

Security Transformation Manager|Trainer|ISC2 CISSP, CCSP

CONTACT

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PROFESSIONAL EXPERIENCE

Security Transformation Manager| 08/2020 - Present

Network and Cloud Security Engineering , Accenture GmbH, Krongberg

A Security Transformation Manager with a proven track record of aligning complex security programs with global business objectives. I specialize in architecting and modernizing security frameworks across IT, Operational Technology (OT), AI, and Telecommunications—enabling organizations to maximize revenue, reduce costs through proactive incident prevention, and safely enhance productivity while maintaining compliance within highly regulated environments.

Strategic Program & Team Leadership:

- Direct cross-functional engineering and consulting teams driving enterprise-wide cybersecurity transformations across IT, Operational Technology (OT), AI, and public/private mobile networks (2G–6G).

Enterprise Risk & Regulatory Governance:

- Align global security operations with international frameworks—including EU NIS2, EU AI Act, NIST, ENISA, GSMA NESAS, and 3GPP specifications—to ensure full regulatory compliance across critical national infrastructure.

Revenue Enablement & Portfolio Growth:

- Architect solutions for complex RFPs/RFIs, develop high-margin cybersecurity service portfolios, and establish strategic go-to-market security offerings across Europe, US and the Middle East.

Cloud & Critical Infrastructure Resilience:

- Secure virtualized hybrid-cloud and telecom architectures (CNFs/VNFs, Kubernetes, hypervisors) while implementing Zero Trust access models and robust PKI/cryptographic lifecycle management.

Advanced Threat Management & SOC Modernization:

- Lead threat modeling initiatives, qualitative risk assessment frameworks, and next-generation SOC use-case development to proactively mitigate high-impact enterprise threats.

Emerging Tech & AI Security Strategy:

- Champion forward-looking security frameworks for frontier technologies, including MLSecOps, Generative AI/LLM security architectures, Post-Quantum Cryptography, and Non-Terrestrial Networks (NTN).

Mobile and Telecom Security Lead Specialist| 10/2016-08/2020

Risk, Fraud and Cybersecurity, UNITEL, Angola

- Responsible for mobile application, device and core network security at UNITEL.
- Implementing, deploying, monitoring, and administering the firewalls(IP,Signaling)
- Pen testing mobile application and web applications.
- Provide security guidelines for project implementation and acquiring security best practices to implement in our daily tasks.
- Preparing and presenting proof of concept of current trends of attacks in 2G-5G networks.
- Providing the telecom fraud team both in data, voice and value-added services.
- Developing security requirements for mobile application development, web application, Devices and mobile networks.

Senior. Mobile Security Field Test Engineer| 2013-2016

Handheld Device Engineering, Samsung Electronics, South Africa

- Conducting security assessments on a range of embedded technology and IoT devices, such as smartphones, routers, VR, Smart Wear (Smartwatches and smart earphones).
  - Samsung Galaxy Series, Samsung Watches, VR and routers,

Red Hat Linux System Engineer for Value Added Services| 2012-2013

Engineering Support team, Tecnotree, South Africa

- Responsible for installing, configuring, managing, and troubleshooting Red Hat Enterprise Linux systems. Ensuring system stability, security, and performance, supporting automation through scripting,
- Manage updates, user access, and server infrastructure in enterprise environments.

EDUCATION

University of the Western Cape, South Africa| 2011-2012

BSC Honors in Computer Science

- Thesis: Mobile Packet Monitor

University of the Western Cape, South Africa| 2009-2011

Bachelor of Science in Computer Science

CENFFOR(National Center for Training of Trainers), Angola| 2019-2019

Certified Professional Trainer

CERTIFICATES

CISSP & CCSP
ISC2

CCNP Security & CCNA Cyber OPS
Cisco

AI Security & Governance
Securiti

ML SecOps Foundations
Palto Alto Networks

LPI 2 Certified Linux Engineer
Linux Professional Institute

CompTIA Sec AI Plus & Linux Plus
CompTIA

SUSE Certified Linux Administrator
SUSE

LANGUAGES

Portuguese
Native

German
B1

English
Native

Spanish
A1

SKILLS

- Java, Bash scripting, JSON, Python, & Perl
- AWS & Azure
- Docker, Kubernetes
- RAN,CS, EPC, & 5G Core(Ericsson,Nokia, Huawei)
- Firewalls(Cisco, Fortinet & Checkpoint)
- Routers and Switches(Cisco and Huawei)
- Servers(Windows & Linux)
- SIEM (Splunk & FortiSIEM)
- Virtualization(VMware, Red Hat Openshift & OpenStack)
- PKI and Cryptography
- AI : Gen AI(ChatGPT, Gemini & Copilot), Predictive, Perceptive, Cognitive & Decision Making, LLM, SLM, ML, MLSecOPs, LLMSecOps
- Kali linux & tools , Nessus, & Burpsuite, OWAS ZAP & Postman
- Penetration testing and Vulnerability management
- Team and project management
- RFP answering and solutioning
- Signalling firewall(SS7, Diameter, GTP-C)

PROJECTS

Private 4G Network
Canada in a Nuclear Power Station
Role: Principal Security Architect

Private 5G network
UAE(Abu Dhabi) Oil and Gas
Role: Principal Security Architect

5G Standalone on Vmware Telecom Cloud
Germany in a mobile operator
Role: Security Designer

5G Standalone Roaming Security
Germany in a mobile operator
Role: Principal Security Architect

2 X 2G-4G Interconnection Security
Central Europe in a mobile operator
Role: Principal Penetration Tester

Web Application pentest
Sweeden
Role: Principal Penetration Tester

3 X 5G SA on Hybrid Cloud
Germany in a mobile operator
Role: Principal Penetration Tester

5G Standalone architecture review
Central Europe in a mobile operator
Role: Principal Security Architect

eNodeB and gNodeB
Central Europe in a mobile operator
Role: Principal Penetration Tester

Signalling Firewalls deployment
Angola in a mobile operator
Role: Principal Security Architect

5 x Android and iOS App pentest
Angola in a mobile operator
Role: Principal Penetration Tester

SOC with AI on Google Cloud with Splunk
Central Europe
Role: Use Case Designer & Developer

Private 5G SOC with Splunk and Sentinel
UAE(Abu Dhabi) Oil and Gas
Role: Use Case Designer & Developer

Security Edge Proxy Protection SEPP Pentest
Germany in a mobile operator
Role: Principal Penetration Tester

Private 5G OT Security Risk Assessment
UAE(Abu Dhabi) Oil and Gas
Role: Principal OT Security Auditor

2 X 5G Standalone and PKI integration
Germany and UAE(Abu Dhabi)
Role: Principal Security Architect

OT Use Case integration to Private 5G
UAE(Abu Dhabi) Oil and Gas
Role: Principal E2E Security Architect

Ericsson CNIS Security Assessment
Belgium Mobile Operator
Role: Principal Penetration Tester

2 X SOC(FortiSIEM, Splunk and FortiSOAR)
Fortinet,Splunk and Accenture AI SOC
Role: Principal AI Security Architect

Voucher System PKI integration
German Mobile Operator
Role: Security Architect Manager

AWARDS

5G Standalone Roaming vulnerability
CVD-2025-0104