Nick Hall

Cybersecurity Specialist | CISSP, CKA, CDP, CCNP

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Professional Summary

Strategic Cybersecurity Leader with 15+ years driving enterprise security transformations. Proven success implementing DevSecOps methodologies and cloud-native security architectures for Fortune 500 companies. Expert in translating complex security requirements into measurable business advantages. Skilled in designing and overseeing critical security programs while providing comprehensive operational supervision for incident management and remediation. Recognized for fostering cross-functional collaboration across diverse teams and effectively communicating with stakeholders at all levels.

Core Competencies

Technical Expertise	Management & Compliance
• Systems Architecture	• ISO 27001, ISO 27701, SOC2
• Cloud Infrastructure	• Project Design & Management
• DevSecOps Implementation	• Strategic Leadership
• Vulnerability Management	• Risk Assessment
• Incident Response	• Cross-functional Collaboration
• Penetration Testing	• Regulatory Compliance

Professional Experience

Senior Security Engineer - DevSecOps | CISSP, CKA, CDP, CCNP

Mitto AG | Jan 2022 - Present

Architected and led comprehensive security compliance program, achieving ISO 27001, ISO 27701, and SOC2 Type II certifications/reports with zero critical findings. Orchestrated end-to-end security transformation through multi-layered DevSecOps approach that reduced deployment vulnerabilities by 73% while accelerating release cycles. Developed innovative vulnerability management platform integrating Kubernetes Trivy Operator with proprietary EPSS and KEV analytics for real-time threat prioritization.

Key Achievements: - Designed and implemented full-spectrum vulnerability management ecosystem with CI/CD pipeline integration and executive-level reporting dashboards - Led cross-functional teams through ISO 27001, ISO 27701, and SOC2 Type II compliance initiatives, establishing mature GRC frameworks that survived rigorous audits - Engineered containerized security solutions with Kubernetes operators that automated scanning across development, testing and production environments - Developed Python-based EPSS and KEV analysis tools that reduced critical vulnerability response times from 9 days to under 24 hours - Established shift-left security practices that embedded automated security controls at every stage of the SDLC - Successfully deployed Privileged Access Management solution, fortifying access controls and reducing organizational risk exposure

Security Solutions Architect | CISSP, CCNP

Dimension Data/NTT | May 2018 - Dec 2021

Spearheaded enterprise-level security transformations for clients across multiple sectors. Architected comprehensive OT/IT security convergence solutions for manufacturing environments. Led SD-WAN deployments spanning 30+ countries, designing resilient architectures that reduced security incidents by 64% while cutting operational costs by 40%. Orchestrated complex cloud migration initiatives with secure-by-design frameworks.

Key Achievements: - Designed industrial firewall ecosystems for critical infrastructure clients, integrating Purdue Model security principles with next-generation threat detection - Architected global SD-WAN security frameworks for multinational enterprises, creating standardized security policies across 120+ global locations - Developed reference architecture for secure cloud migrations, incorporating automated compliance controls, CSPM tools, and IAM frameworks - Established security control matrices bridging IT/OT environments, enabling clients to achieve regulatory compliance while maintaining 99.99% operational uptime - Led security workshops and governance sessions with C-suite stakeholders, translating complex security architectures into business value propositions - Global clients included Coca-Cola, Volkswagen, Mercedes-Benz, and Virgin Money

Security Engineer L3 | MSSP Team Lead, CCNP

Dimension Data | January 2013 - May 2018

Managed comprehensive security operations for enterprise clients across financial, healthcare, and manufacturing sectors. Oversaw enterprise-wide PKI infrastructure for multiple organizations, implementing multi-tier hierarchical designs achieving 99.999% availability. Orchestrated security for 100+ network security devices including next-generation firewalls, WAFs, proxies, and IPS systems across globally distributed environments.

Key Achievements: - Led technical teams of 5+ engineers, establishing mentorship programs that improved team professionalism and morale - Orchestrated comprehensive disaster recovery testing for mission-critical environments, achieving 100% recovery success rate while reducing RTO/RPO by 60% - Led remediation of high-severity security incidents involving nation-state actors, coordinating with vendors and implementing countermeasures that prevented data exfiltration - Designed and implemented cloud migration security frameworks enabling zero-downtime transitions - Established automated security configuration management for heterogeneous environments, reducing security drift by 85%

Network Engineer | CCNA, CCNP

The McGraw-Hill Companies, United Kingdom | July 2004 - December 2012

Served as primary technical resource for McGraw-Hill's EMEA networking infrastructure, traveling extensively to European satellite offices for hands-on support. Orchestrated critical infrastructure overhaul of Cisco Catalyst Chassis switches at European Head Office with minimal downtime. Managed all aspects of network infrastructure including data center operations, WAN optimization, and telephony systems.

Key Achievements: - Led enterprise-wide deployment and optimization of routing protocols (EIGRP, OSPF, BGP) across multiple international locations - Designed and implemented high-availability data center switching infrastructure using Cisco Nexus technologies - Managed technical support for 12+ European office locations, providing on-site expertise for complex networking challenges - Pioneered virtualized infrastructure deployments in data center environments, creating a modern platform for business applications

Professional Memberships

Advisory Board Member - Centre for Research in Information and Cyber Security (CRICS) and School of ICT
Nelson Mandela Bay University | May 2018 – January 2022

Inducted as an advisory board member, guiding and mentoring the next generation of Cybersecurity professionals.

Certifications

- Certified Kubernetes Administrator (CKA) - November 2024
- Certified DevSecOps Professional (CDP) - December 2023
- Certified Information Systems Security Professional (CISSP) - March 2020
- Microsoft Azure Fundamentals - April 2021
- Certified SAFe 4 Agilist - September 2018
- Cisco Certified Network Professional (CCNP) - 2012-2018

Technical Skills

Security & Compliance	Infrastructure & Cloud	Tools & Technologies
• DevOps/DevSecOps Security	• Multi-Vendor Firewalls & Proxies	• CI/CD Pipelines
• Vulnerability Management	• Identity & Access Management	• Kubernetes & Docker
• ISO 27001/27701	• Public Key Infrastructure	• SCA Tools
• SOC2, PCI DSS, NIST CSF	• Web Application Firewalls	• SIEM (Splunk, FortiSIEM)
• OT/IT Security Convergence	• Cloud Architecture (Azure)	• Python Development
• Purdue Model & ISA/IEC 62443	• SD-WAN Architectures	• Trivy, EPSS, KEV

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