Caner Çetinkaya

Cyber Security Senior Principal Expert · Enterprise Security, AI Governance & Multi-Cloud CNAPP Architect · MCT

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PROFESSIONAL SUMMARY

Cyber Security Senior Principal Expert and Microsoft Certified Trainer (MCT) with 15+ years of progression from infrastructure operations to principal Microsoft Security, AI Security, and multi-cloud CNAPP architecture. At KoçSistem, I lead architectural decision-making, enterprise security consulting, and Managed Security Services (MSSP) delivery across Microsoft Defender XDR, Microsoft Sentinel, Microsoft Purview, Microsoft Defender for Cloud, and multi-cloud (Azure, AWS, GCP) estates. Progressing from frontline IT operations (2009) to cloud migration consulting at PeakUp and Senior IT Architecture at Sentim/Kuralkan Bilişim, I connect Zero Trust, GDPR, KVKK, and ISO 27001 mandates with durable operational controls through executive workshops, presales PoCs, Secure Score hardening programs, and open-source automation tooling.

ARCHITECTURE & ENGINEERING CAPABILITIES

Enterprise Security & SOC Ecosystem: Zero Trust Architecture, Microsoft Defender XDR (MDE, MDI, MDCA), Microsoft Sentinel (KQL Threat Hunting), Entra ID Conditional Access & MFA, MSSP Operations

Data Security & Compliance (Purview): Purview DLP (Endpoint, Browser, Network), Insider Risk Management, Information Protection (Sensitivity Labels), eDiscovery, Compliance Manager, GDPR / KVKK / ISO 27001

AI Security & Governance: Enterprise AI Trust Boundaries, Generative AI Data Guardrails, Microsoft Copilot Oversharing Prevention, Shadow AI Governance, DSPM for AI, Prompt Injection Risk Mitigation

Multi-Cloud CNAPP & Automation: Defender for Cloud, Prisma Cloud, Lacework (Azure, AWS, GCP), Secure Score Standardization, DevSecOps Baselines, PowerShell Hardening, Python (MSSP Portal), Prosci Change Management

CAREER PROGRESSION & EXPERIENCE

Cyber Security Senior Principal Expert

Nov 2022 – Present

KoçSistem · Istanbul, Türkiye

Principal security architecture authority directing enterprise consulting, control-plane design, strategic Microsoft Security programs, AI governance, and MSSP transformation engagements.

- Architected enterprise Zero Trust and data protection stacks across Defender XDR, Microsoft Purview (Endpoint/Browser/Network DLP, IRM, Information Protection, eDiscovery, Compliance Manager), and Entra ID.
- Engineered unified detection and incident response workflows correlating Microsoft Sentinel (KQL), Entra ID Conditional Access, Defender for Identity, and Defender for Endpoint telemetry.
- Governed multi-cloud CNAPP/CSPM architecture selection and rollout across Azure, AWS, and GCP using Defender for Cloud, Prisma Cloud, and Lacework alongside Secure Score hardening baselines.
- Established an Enterprise AI Security governance practice spanning Copilot oversharing prevention via Sensitivity Labels, Shadow AI discovery via MDCA/Browser DLP, DSPM for AI, and prompt injection boundaries.
- Co-created standardized DevSecOps, Reliability, and Microsoft 365 security control frameworks adopted across consulting and Managed Security Services (MSSP) delivery.
- Advised executive stakeholders through GDPR, KVKK, ISO 27001, and Copilot readiness workshops, aligning security investments with business resilience.

Scope & Platforms: Zero Trust, Defender XDR, Sentinel (KQL), Purview DLP/IRM/DSPM, Defender for Cloud, Prisma Cloud, Lacework, Entra ID, Azure/AWS/GCP, MSSP

Senior IT Architect (Cybersecurity & Cloud Solutions)

Jul 2016 – Nov 2022 (6 yrs 5 mos)

Kuralkan Bilişim Otomotiv San. ve Dış. Tic. A.Ş. (Sentim Bilişim) · Istanbul, Türkiye

End-to-end enterprise solution architecture and presales technical advisory across Azure cloud, Enterprise Mobility + Security (EMS), and Office 365.

- Served as technical lead for Microsoft Security PDU processes, guiding enterprise buyers through full-suite EMS transformation (Azure AD Premium, AIP, MFA, SSPR, ATA, RMS, Cloud App Security, Intune).
- Directed executive technical PoCs, architecture workshops, and knowledge-transfer roundtables to de-risk strategic cloud and identity investments prior to rollout.
- Engineered production Azure Compute, Storage, Network, Security, and Hybrid Operations topologies while securing Office 365 migrations with Cloud App Security Management (ASM).

Scope & Platforms: Azure IaaS/Security, EMS Security Suite, Presales & PoC Leadership, Office 365 Governance

IT Cloud Computing Consultant

Jun 2014 – Jul 2016 (2 yrs 2 mos)

PeakUp Information Technologies · Istanbul, Türkiye

Cross-platform hybrid cloud migration engineering, messaging/identity security, and foundational enterprise cloud compliance.

- Executed complex, zero-downtime hybrid Exchange Online migrations from multi-forest Active Directory, Exchange 2007–2016, Lotus Notes, and Google Apps.
- Deployed enterprise Office 365 compliance and data protection controls (DLP, IRM, eDiscovery, In-Place Hold, Encryption) alongside BYOD/CYOD Microsoft Intune rollouts.

Scope & Platforms: Exchange Online Hybrid Migrations, Multi-Forest AD, Office 365 DLP/IRM/eDiscovery, Microsoft Intune MDM

IT Technical Services Specialist · Helpdesk Specialist Feb 2009 – Apr 2014 (5 yrs 3 mos)

İKİZLER BİLGİSAYAR (Feb 2011 – Apr 2014) · MTM (Feb 2009 – Feb 2011) · Istanbul, Türkiye

Built foundational frontline discipline in enterprise endpoint diagnostics, hardware/software lifecycle, A++ service operations, and Tier-1 infrastructure support prior to cloud specialization.

OPEN-SOURCE SECURITY TOOLS & TECHNICAL ARCHIVE

Enterprise Technical Architecture Repository (Bilingual Architecture Guides (EN/TR) · KQL · Purview · Zero Trust · PQC) — Field-validated technical blueprints covering Defender XDR, Microsoft Purview DLP, AI Security, Multi-Cloud CNAPP, and NIST Post-Quantum Cryptography. canercetinkaya.com

cloudshield-mssp-portal (Python · MSSP & CSPM) — MSSP security operations and cloud posture management portal built for multi-tenant security visibility. github.com/canercetinkaya/cloudshield-mssp-portal

mde-reporting (Microsoft Defender for Endpoint · Security KPIs) — Automated Microsoft Defender for Endpoint KPI reporting tooling for enterprise managed security customers. github.com/canercetinkaya/mde-reporting

Restrict-sign-ins-for-PowerShell-modules- (PowerShell · Entra ID / M365 Hardening) — Hardening utility restricting PowerShell module sign-ins across Azure AD, Exchange Online, Teams, SharePoint, and Power Platform. github.com/canercetinkaya/Restrict-sign-ins-for-PowerShell-modules-

AutomatedLab (PowerShell · Hyper-V & Azure) — Infrastructure-as-code provisioning framework for complex security and hybrid cloud labs across Hyper-V and Microsoft Azure. github.com/canercetinkaya/AutomatedLab

CERTIFICATIONS & DIGITAL BADGES

AI Security & Transformation

Microsoft Frontier Executive – Titan (Oct 2026) · Cloud and AI Security Engineer Associate (SC-500, Jul 2026) · AI Transformation Leader (AB-731, May 2026) · AI Skills Fest 2026 · Applied Skills: M365 Copilot Security & Compliance (2025) · Copilot Purview Data Governance (2024)

Microsoft Security, Identity & Purview

Cybersecurity Business Professional (SC-730, Jul 2026) · Information Security Administrator Associate (SC-401, May 2026) · Security Operations Analyst (SC-200) · Identity and Access Administrator (SC-300) · Information Protection & Compliance Administrator (SC-400) · Azure Security Engineer (AZ-500) · M365 Security Administrator (MS-500) · Purview Applied Skills: DLP, IRM, Retention & eDiscovery (2025)

Multi-Cloud Architecture, DevOps & Endpoint

AWS Well-Architected Proficient (2024) · Azure Solutions Architect Expert (AZ-300/301) · DevOps Engineer Expert (AZ-400) · M365 Enterprise Administrator Expert (MS-100/101) · M365 Endpoint Administrator Associate (MD-102, 2026) · Azure Data Engineer (DP-203) · Azure, Teams & Teamwork Administrator Associate

Governance, Leadership & Network Security

Infosec Cybersecurity Leadership & Management Specialization (Jun 2024) · Microsoft Certified Trainer (MCT, 2017–2026) · Prosci Change Management Professional · Certified Network Security Specialist (CNSS) · Fortinet NSE 1 & 2

EDUCATION

Master's Degree, Information Technologies — Altınbaş University 2019 – 2021

Bachelor's Degree, Management Information Systems — Anadolu University 2018 – 2022

Bachelor's Degree, Business Administration — Anadolu University 2014 – 2018