Ondrej Pipek

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Career profile:

Senior IT infrastructure professional with over 11 years of progressive experience in cloud computing and protecting digital and physical assets. Expertise in threat detection, vulnerability mitigation, and implementing security controls (MFA, network segmentation, EDR, NSG) to ensure regulatory compliance and high availability. Seeking a Cybersecurity-focused role to leverage infrastructure expertise in building robust, compliant defense strategies and driving advanced threat mitigation efforts.

Certifications:

CompTIA Security+ (701)	2025
Google Cybersecurity Certificate	2024
Microsoft Azure Administrator Associate (AZ-104)	2022

Technical Proficiencies:

OS: Windows Server (2012-2022), Linux (Ubuntu, CentOS, Debian), MacOS support
Virtualization and Cloud computing: VMware/VSphere, Azure (EntraID, WebApp, VM, Networks), Hyper-V
O365 (Exchange, SharePoint, Teams), Firewalls (Fortinet, Mikrotek), SIEM (Splunk), EDR tools (BitDefender GravityZone), PowerShell, Python, Bash scripting.

Experience:

TRL Systems | San Diego, California   4/2025 - present
Security Lead Technician

- Executed the secure integration of IP Cameras, Access Control, and intrusion prevention systems into existing client IT infrastructure, applying best practices for network segmentation and access control.
- Served as Technical Lead for complex security system deployment projects, managing a team of technicians and coordinating with vendors to ensure all network and configuration requirements were met on schedule.
- Performed advanced configuration, network hardening, and vulnerability patching for security-critical IoT devices (IP cameras, NVRs) across diverse client environments.

Rebuy Stars Casino | Prague, Czech Republic   01/2017 – 12/2023
System Administrator

- Architected and deployed network segmentation and granular firewall rules using Fortinet and Mikrotek firewalls, proactively mitigating threats across 24 casino locations.
- Integrated external identity (B2B) within Azure Entra ID to securely facilitate partner collaboration on internal applications.
- Proactively optimized EDR, antivirus, and host-based firewall policies to strengthen endpoint security posture.
- Ensured all customer data operations adhered to GDPR principles, implementing privacy-by-design practices and maintaining data protection standards.

- Performed log analysis on network and server logs, providing critical evidence for criminal and fraud investigations.
- Led security hardening for Office 365, implementing mandatory MFA and granular controls that significantly mitigated phishing and Business Email Compromise (BEC) risks.
- Mentored and provided technical education to the team of 3 IT professionals, and provided reports to the CTO.

Vodovody a kanalizace (Water and Sewer) | Trutnov, Czech Republic   10/2011 – 01/2017
IT Administrator
- Successfully migrated from a legacy email system reducing organizational attack surface
- Spearheaded the end-to-end IP readdressing and subnet migration from a smaller pool to a larger subnet, mitigating a critical IP address exhaustion risk due to a growing device count.
- Implemented a VoIP system, bringing a better customer experience and internal communication
- Maintained backups using powershell scripts and internal microsoft tools reduced MTTR (mean time to repair)

Education:
SSIS (Information Technology and Services), Dvur Kralove n. Labem, Czech Republic   2007 - 2011
High School diploma with a career or technical education (CTE)
Network Administration

Soft Skills:
Technical support, Communication, Technical Education, Problem-Solving, Adaptability, Meeting deadlines