

Ondrej Pipek

858 257 8579 | pipek.ondrej@gmail.com | Lake Arrowhead, CA

o-p.me | linkedin.com/in/ondrej-pipek

Career profile:

Systems & Cloud Engineer with 11+ years of experience in systems implementation, network security, and infrastructure maintenance. Successfully transitioning 11 years of on-premise expertise into cloud-native roles. Skilled in Azure administration, ARM templates, and PKI/certificates. Proven leader in technical field operations and documentation, with a strong commitment to DevSecOps principles and continuous learning through hands-on lab environments.

Certifications:

CompTIA Security+ (701)	exp. 09/2028
Microsoft Azure Administrator Associate (AZ-104)	exp. 07/2026
Google Cybersecurity Certificate	2024

Technical Proficiencies:

Cloud & Infrastructure: Azure (Entra ID, WebApps, Networking), VMware vSphere, Hyper-V.

Automation & IaC: Azure ARM Templates, PowerShell, Python, Bash, Ansible.

Containers: Docker (Image creation, registry management, and deployment).

Security & Monitoring: NIST CSF, Security Hardening, SIEM (Splunk), EDR (BitDefender).

Networking: Fortinet, Mikrotik, Cisco, Aruba, VPN, Subnetting, IoT Integration.

Tools: Git, GitHub, VS Code, ServiceNow (Familiarity).

Experience:

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

Security Lead Technician

- Lead field implementations of integrated security systems, coordinating with Project Managers (PMs) and multiple trades to ensure complex project milestones are met on schedule.
- Execute the configuration and deployment of IoT devices (IP Cameras, Access Control, NVRs) into client IT infrastructures, ensuring proper network segmentation and connectivity.
- Authored detailed technical documentation for system configurations and site layouts, facilitating seamless hand-offs to support teams and clients.

Rebuy Stars Casino | Prague, Czech Republic

01/2017 – 12/2023

System Administrator

- Managed network security and internal connectivity for 24 geographic locations, ensuring high availability for internal employees and critical data traffic.
- Utilized Azure ARM Templates to provision and manage cloud resources, ensuring consistency across environments.
- Developed and deployed Docker images for internal applications, streamlining deployment and improving environment consistency.
- Implemented Azure Entra ID (B2B) to facilitate secure collaboration with external partners on internal applications.
- Designed and implemented granular firewall rules (Fortinet/Mikrotik) and performed regular log analysis to identify and mitigate potential security threats.

- Built and maintained PowerShell scripts for automated backups and system monitoring tools.

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