

# Ondrej Pipek

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## Career profile:

Systems & Cloud Administrator 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 InfoSec principles and continuous learning through hands-on lab environments.

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## Certifications:

CompTIA Security+ (701)	exp. 09/2028
Microsoft Azure Administrator Associate (AZ-104)	exp. 12/2026
Google Cybersecurity Certificate	2024

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## Technical Proficiencies:

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

**OS Platforms:** Windows server (2008- 2022), Linux (Ubuntu, Debian, CentOS), MacOS

**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), Zabbix.

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

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## 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 vendors 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 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 infrastructure security and internal connectivity for 24 geographic locations and 2500+ diverse endpoints, 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)
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**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*

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**Soft Skills:**

Technical support, Communication, Technical Education, Problem-Solving, Adaptability