

Mohammad Askari Dehestani

System Administrator · Network Administrator · IT Infrastructure

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Certificates & Projects

PROFESSIONAL SUMMARY

System Administrator with over ten years of hands-on experience designing, operating and securing network and server infrastructures across ISP, enterprise and industrial environments. Core expertise: virtualisation (VMware ESXi, Hyper-V, Proxmox VE), Windows Server and Active Directory, Linux administration, networking (OSPF, MPLS, VPN) and monitoring with Zabbix and PRTG. Additional experience in industrial IT with Siemens SIMATIC and WinCC, and in antenna installation on masts and towers including work at height. Based in Germany since January 2026 with a valid residence permit and unrestricted work authorisation; available at short notice and willing to relocate nationwide.

PROFESSIONAL EXPERIENCE

IT Infrastructure Specialist / System Administrator

PEJAM GULF, Iran · February 2020 – December 2025

- Complete network redesign and deployment of virtualised server environments using Proxmox VE, VMware ESXi and Hyper-V; improved availability and substantially faster recovery.
- P2V migration of production systems during live operation without reinstallation, including driver and hardware adaptation.
- Virtualisation and hardening of Windows-based control systems (Siemens SIMATIC, WinCC) for 80-tonne container handling vehicles; replaced discontinued industrial hardware with commercial mini-PCs.
- Administration of Windows Server (Active Directory, Group Policy, IIS, FTP) and Linux servers; designed an automated SSH-based backup server for business-critical data.
- Design and operation of LAN, WAN and WLAN including OSPF routing and site connectivity; automation via Python, monitoring with PRTG and MikroTik The Dude.
- Company-wide rollout of a VoIP telephone system and a Jira ticketing system; end-user support and resolution of critical incidents in SCADA environments.

IT Infrastructure Specialist / Network Administrator

FARDAD AZARAKHSH, Iran · March 2017 – January 2020

- Administration of the Windows and Linux server landscape: IIS, FTP, firewall, remote maintenance and system hardening.
- Planning and deployment of a WLAN mesh network across a five-hectare industrial site using MikroTik CAPsMAN and Hotspot.
- Implementation of automated server backups with Veeam, Hyper-V Replication and KLS Backup; operation of central antivirus solutions (ESET NOD32, Kaspersky).
- Participation in LTE rollouts and OSPF routing across multiple cities; support of passive, active and backbone networks.

Network Specialist / NOC Technician

Sari System, Hormoz Net, Dehkade Ertebatat Dorbord, Iran · May 2015 – February 2017

- Resolved a security incident involving approximately 300 compromised network devices: a Python script automated login, cleanup and hardening, reducing remediation from around three weeks to under one hour.
- Installation of microwave, sector and hotspot antennas on radio towers and masts, including alignment and commissioning — working at height with personal fall protection equipment.
- Planning, deployment and operation of wireless backbone and wide-area networks (MPLS, VPLS, OSPF, RIP) in an ISP environment; PPPoE and VPN servers for roughly 15 rural areas.
- Operation of monitoring and NOC with PRTG, The Dude, Zabbix and Grafana; development of Zabbix APIs and automation scripts for POP site maintenance.

Service Employee (part-time, alongside the job search)

McDonald's, Herzogenaurach · since March 2026

- Daily customer communication in German in a fast-paced environment and shift coordination within the team; continuous development of language practice alongside a structured application process for System Administrator roles.

SELECTED PROJECTS

180 km point-to-point microwave link across the Strait of Hormuz

Planning, tower installation and operation of the link between Qeshm and Bandar Abbas: site selection, antenna alignment at height and continuous monitoring under maritime conditions.

Security incident involving approximately 300 compromised network devices

A Python script automated login, cleanup and hardening. Remediation time fell from around three weeks to under one hour.

Virtualisation of SIMATIC and WinCC control systems

Windows-based control systems for 80-tonne container handling vehicles virtualised, hardened and commissioned on off-the-shelf mini-PCs, replacing industrial hardware that was no longer available.

WLAN mesh across a five-hectare industrial site

Planned and built with MikroTik CAPsMAN and hotspot, including mast installation of the outdoor antennas and radio coverage of the entire site.

EDUCATION

Two-year higher education degree (Kardani), Computer Software Engineering

Islamic Azad University, Iran · 2013 – 2015

FURTHER TRAINING

Nine course certificates from the TOSINSO and Maktabkhooneh learning platforms, completed in 2022 and 2023. Testing centres for vendor certifications were not available in Iran; the AZ-104 exam is scheduled in Germany. The certificates are available on my site.

- Microsoft Azure Administration and Azure Fundamentals — TOSINSO, October 2023
- MCSA Windows Server 2022 — TOSINSO, May 2023
- LPIC 1, LPIC 2 and LPI Linux Essentials — TOSINSO, May 2023
- Cisco CCNA 200-301 — Maktabkhooneh, May 2023, 58 hours
- Python programming, foundation and advanced — Maktabkhooneh, 2022 and 2023, 113 hours

TECHNICAL SKILLS

Virtualisation and servers: VMware vSphere, ESXi and vCenter, Microsoft Hyper-V, Proxmox VE, KVM, P2V migration, Windows Server, Active Directory, Group Policy, IIS, Linux (Ubuntu, CentOS, Debian), Samba

Networking: LAN and WAN, TCP/IP, VLAN, QoS, NAT, OSPF, BGP, RIP, MPLS, VPLS, VPN (IPSec, OpenVPN, L2TP), DHCP, DNS, SNMP

WLAN and microwave: 2.4/5/6 GHz, mesh, CAPsMAN, WDS, MikroTik RouterOS, Ubiquiti UniFi and airMAX, Mimosa, point-to-point links, Cisco IOS

Monitoring and automation: Zabbix, PRTG Network Monitor, Grafana, SolarWinds, MikroTik The Dude, Syslog, TR-069, Python, Bash, PowerShell, REST API, JSON, YAML

Cloud, backup and security: Microsoft Azure (VMs, networking, storage, backup, Entra ID), Veeam Backup & Replication, Hyper-V Replication, rsync, firewall administration, incident response, server hardening, ESET, Kaspersky

Industrial IT and communications: Siemens SIMATIC, WinCC (SCADA/HMI), Windows-based PLC control systems, SIP, Asterisk, VoIP gateways, PPPoE servers, hotspot management

Antenna installation and work at height: Installation and alignment of microwave, sector and WLAN antennas on masts and towers, cable routing and earthing, working at height with personal fall protection; German PSaGA instruction planned

Tools: Apache, Nginx, IIS, Wireshark, PuTTY, WinSCP, TeamViewer, Git, VS Code, Jira, WordPress

LANGUAGES

Persian: native · German: B1 · English: technical reading comprehension (documentation)