

BERKAY YETGIN

Systems & Infrastructure | Microsoft, Linux & Endpoint Automation

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SUMMARY

Systems and infrastructure professional working across Microsoft identity, endpoint management, software deployment, and troubleshooting in a 3000+ user enterprise environment. Experienced with Active Directory, Entra ID, Group Policy, PowerShell/CMD automation, and ManageEngine-based endpoint operations. Outside the corporate role, I design and operate infrastructure covering Proxmox VE, LXC, Docker, monitoring, backup/recovery, secure remote access, and reproducible Linux configuration. Currently preparing for the Microsoft Azure Administrator (AZ-104) exam.

TECHNICAL SKILLS

Microsoft Infrastructure & Identity

Windows Server, Active Directory, Entra ID, Group Policy, Exchange Online, Microsoft 365, MFA & External User Administration

Endpoint Management & Automation

PowerShell, CMD, SCCM, Endpoint Management & Software Deployment (ManageEngine), Software Packaging, Self-Service Catalog, Centralized Deployment, ITSM Workflows, Root Cause Analysis

Systems, Virtualization & Containers

Linux System Administration (Debian, Alpine, NixOS), Proxmox VE, Docker, Docker Compose, LXC, VMware vSphere, Hyper-V, ZFS

Networking, Security & Infrastructure Automation

FortiGate, Cisco Switches, VPN, VLAN, Cloudflare Zero Trust, Tailscale, Prometheus, Grafana, Bash, GitHub Actions, Git

WORK EXPERIENCE

IT Specialist - Infrastructure Support & Endpoint Operations

TÜPRAŞ | Contracted through Prime Sistem ve Teknoloji A.Ş. | November 2023 - Present

- Develop centrally executed PowerShell/CMD automation and remediation through ManageEngine for security configuration, policy enforcement, Outlook, cleanup, and update scenarios
- Administer ManageEngine endpoint workflows including the self-service software catalog and centralized application deployment; create and maintain silent install/uninstall packages and vendor-specific deployment commands
- Perform L3-level troubleshooting for selected complex escalations across Group Policy, enterprise messaging, and business-critical applications using diagnostic log analysis, controlled testing, and root cause isolation; identify architectural policy conflicts and coordinate resolution with internal teams and software vendors
- Administer Active Directory and Entra ID operations covering user lifecycle, group management, and access control
- Provide technical support for 3000+ users through ITSM workflows, resolving complex endpoint, software deployment, permission, and system-configuration issues

IT Specialist

STT TÜRK GAZBETON | December 2022 - November 2023

- Provided L1-L2 technical support covering hardware/software troubleshooting, user accounts, and daily IT operations
- Administered Windows Server infrastructure including Active Directory user/group management and Group Policy configuration
- Managed network security and infrastructure including FortiGate firewall, Cisco switches, and VLAN segmentation
- Managed VMs on VMware vSphere and Hyper-V and contributed to backup routines and disaster-recovery readiness for critical systems

Technical Support Representative

AssisTT | October 2015 - November 2016

- Provided ISP connectivity, network, and service-quality troubleshooting for residential and business customers

PROJECTS

Proxmox Homelab Automation

Technologies: Proxmox VE, LXC (Debian, Alpine), Docker, Bash, ZFS, GitHub Actions, Prometheus, Grafana, Cloudflare Zero Trust, Tailscale

- **Infrastructure Operations:** Built and operate a self-managed Proxmox environment running Linux workloads across LXC and Docker, covering gateway, DNS, reverse proxy, application services, monitoring, backup, and secure remote access.
- **Automation & Reliability:** Built Git-managed, configuration-driven provisioning/deployment, encrypted secret management, Prometheus/Grafana observability, off-site backup, and CI/CD workflows; resolved operational issues including GPU passthrough and Docker-in-LXC networking constraints.

Linux Workstation Automation (NixOS)

Technologies: Linux, NixOS, Git, Configuration Management

- **Git-Managed System Configuration:** Manage my complete Linux workstation through Git-managed, version-controlled system configuration, covering packages, services, desktop settings, and system behavior in a repeatable setup.
- **Change Control & Recovery:** Use controlled update and rollback workflows to keep system changes predictable, recoverable, and reproducible after reinstall or failure.

EDUCATION

Bachelor's Degree - Management Information Systems

Anadolu University | 2025 - Present

Associate Degree - Electronics Technology

Kırıkkale University | 2011 - 2014

CERTIFICATIONS & TRAINING

- Microsoft Applied Skills - Administer Active Directory Domain Services (Microsoft, 2025).
- Microsoft Azure Administrator (AZ-104) - Exam preparation in progress (2026)
- FortiAnalyzer - Log Analysis and Management (TÜPRAŞ Academy, Training, 2025).
- MS 20761 Querying Data with Transact-SQL (Bilge Adam Teknoloji, Training, 2025).
- CCNA Training (CLIGURU, Participation, 2023).
- ITIL 4 Foundation Training (bir618, Participation, 2024).

LANGUAGES

- Turkish (Native)
- English (Professional Working Proficiency)