

ILDAR BERKALIEV

HEAD OF IT | IT INFRASTRUCTURE MANAGER | IT OPERATIONS

Aktau, Kazakhstan

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EXECUTIVE PROFILE

IT leader with 15+ years of professional experience in designing, operating, and developing enterprise IT infrastructure across oil & gas, banking, and commercial environments. Combines IT leadership with strong hands-on expertise in server and network infrastructure, virtualization, information security, backup and disaster recovery, monitoring, automation, and enterprise IT services.

Current scope: 6 IT engineers • IT services for approximately 30 organizations • approximately 20 physical and virtual servers.

CORE EXPERTISE

IT Leadership & Operations

IT department leadership • IT Operations • technical support • SLA • prioritization and task control • procedures • technical documentation • procurement • vendor and contractor management

Networking & Security

TCP/IP • VLAN • VPN • NAT • Routing • Firewall • MikroTik/RouterOS • Access Control • Patch Management • Security Auditing • BCP/DRP

Infrastructure & Virtualization

Windows Server 2008–2022 • Linux Ubuntu/CentOS/Debian • AD • GPO • DNS/DHCP • WSUS • Exchange • VMware vSphere/ESXi • Hyper-V • Proxmox

Backup, Monitoring & Automation

Veeam Backup & Replication • Windows/Symantec Backup • Zabbix • Prometheus • Grafana • Docker • Docker Compose • Nginx Reverse Proxy • Git • PowerShell • Bash • API

PROFESSIONAL EXPERIENCE

HEAD OF IT DEPARTMENT

LLP “Rezultat+” (RPLUS), Aktau | 2026 – Present

Lead the company's IT function and oversee comprehensive support for corporate and client infrastructure.

- Lead a team of 6 IT engineers, including task planning, prioritization, workload distribution, and delivery control.
- Oversee IT services for approximately 30 organizations and the development of approximately 20 physical and virtual servers.
- Manage server, network, and end-user infrastructure; develop Windows/Linux environments and virtualization platforms.
- Oversee backup and recovery, service availability monitoring, and information security requirements.
- Coordinate procurement of IT hardware, software, and licenses; manage vendors and external contractors.
- Develop IT procedures, technical documentation, and operational standards.

SELECTED IT PROJECTS

Centralized IT Operations Center

Development of a unified internal environment for centralized visibility and management of IT infrastructure.

- Consolidated information about servers, virtual infrastructure, network devices, and corporate services.
- Integrated infrastructure administration and monitoring capabilities into a single operational view.
- Used Linux, Docker, APIs, and automation tools to support a modular infrastructure approach.

Backup & Storage Management

Development of a controlled backup process for corporate and client data.

- Backup of servers, file data, and 1C information bases using local and remote storage.

- WebDAV-based transfers, backup job monitoring, storage availability, and free-space control.
- Backup-volume analysis, capacity planning, retention, cleanup, and recovery procedures.

Corporate Cloud Infrastructure – Nextcloud

Deployment and operation of an internally managed cloud platform for corporate data and backups.

- Linux + Docker + Nextcloud + WebDAV + Nginx Reverse Proxy + HTTPS/SSL.
- Configured internal and external access, large-file handling, and backup storage workflows.
- Managed storage capacity, service availability, and infrastructure scaling.

Information Security & Centralized Auditing

Development of centralized visibility into security events and administrative activity on critical servers.

- Implemented centralized auditing using Wazuh and integrated Windows Server with Sysmon and Windows Audit.
- Monitored access to critical data, administrative activity, and file changes.
- Centralized collection and analysis of operating-system and security events.

Virtualization & Server Infrastructure

Operation and development of virtual server environments and storage infrastructure.

- VMware ESXi/vSphere, Microsoft Hyper-V, and Proxmox; deployment, administration, and migration of virtual machines.
- Compute and storage resource management and server hardware diagnostics.
- Capacity planning for storage infrastructure expansion.

Linux & Docker Infrastructure

Development of internal Linux infrastructure and containerized corporate services.

- Deployment of Linux servers and Docker/Docker Compose environments.
- Containerization of internal services, Nginx Reverse Proxy, and centralized service administration.
- Integration of new services with the existing enterprise infrastructure.

Infrastructure Monitoring

Development of centralized monitoring for servers, network components, and corporate services.

- Zabbix, Prometheus, and Grafana for availability, CPU, RAM, disk-space, and network monitoring.
- Development of a unified operational view of infrastructure health.

Network Infrastructure & Remote Access

Administration and development of corporate networking and secure remote-access capabilities.

- MikroTik/RouterOS, routing, NAT, firewall, VPN, and VLAN.
- Integration of remote sites and server systems and troubleshooting of network issues.

IT Operations Automation

Automation of recurring administrative and infrastructure tasks.

- PowerShell, Bash, and API integrations for technical data collection and administrative operations.
- Automation of infrastructure, service, and backup-process monitoring.

EARLIER PROFESSIONAL EXPERIENCE

HEAD OF IT DEPARTMENT

LLP “Adver.kz” | 2025

- Led the company's IT function and organized technical support operations.
- Managed server and network infrastructure and controlled the operation of corporate IT services.
- Developed internal support processes and resolved technical and organizational issues.

SYSTEM ADMINISTRATOR

LLP “KMG-KUMKOL” / ANPZ, Atyrau | 2023–2024

- Supported IT infrastructure in an industrial enterprise environment and administered Windows Server.
- Managed Active Directory, GPO, DNS, DHCP, WSUS, and server/network equipment.

- Maintained stable IT service operations and resolved complex L2/L3 incidents.

IT SPECIALIST

Al Hilal Bank Kazakhstan, Almaty | 2023–2024

- Supported enterprise banking IT infrastructure, workstations, and server systems.
- Worked with VMware, backup solutions, and information-security requirements.
- Supported users and internal IT services.

SENIOR IT ENGINEER

KMG Engineering / KazNIPImunaigas, Aktau | 2016–2023

- Administered enterprise IT infrastructure and supported more than 300 users.
- Managed servers, Active Directory, email systems, network services, and business-critical information systems.
- Designed and supported network infrastructure, maintained technical documentation, and participated in IT audits.

SYSTEM ADMINISTRATOR

CTC “Demeu”, Astana | 2014–2015

- Remotely administered server environments for corporate customers, backup operations, and incident resolution.
- Provided technical support and administered YSoft SafeQ.
- Configured workstations, networks, and security settings.

TECHNICAL EXPERTISE

Operating Systems: Windows Server 2008–2022 • Windows Client • Ubuntu • CentOS • Debian

Microsoft Infrastructure: Active Directory • Group Policy • DNS • DHCP • WSUS • Microsoft Exchange • File Services

Virtualization: VMware vSphere • VMware ESXi • Microsoft Hyper-V • Proxmox

Containers & Linux Services: Docker • Docker Compose • Nginx • Reverse Proxy • Git

Monitoring: Zabbix • Prometheus • Grafana

Backup & Recovery: Veeam Backup & Replication • Windows Backup • Symantec Backup • WebDAV • Recovery Procedures

Networking: TCP/IP • VLAN • VPN • NAT • Routing • Firewall • MikroTik / RouterOS

Information Security: Access Control • Security Auditing • Patch Management • Wazuh • Sysmon • Windows Audit • BCP/DRP

Automation: PowerShell • Bash • API Integration • Infrastructure Automation

Enterprise Systems: Microsoft SQL Server • 1C • Nextcloud

EDUCATION

Central Asian University, Almaty — Bachelor’s Degree, Computer Engineering and Software, 2009

Mangystau Polytechnic College, Aktau — Automation and Control Systems, 2006

CERTIFICATIONS & PROFESSIONAL TRAINING

- Microsoft №20411 — Administering Windows Server 2012
- Microsoft №20744 — Securing Windows Server 2016
- Microsoft №20334 — Core Solutions of Skype for Business 2015
- Microsoft №20345-1 — Administering Microsoft Exchange Server 2016
- DevOps Engineer — Professional Training

LANGUAGES & ADDITIONAL INFORMATION

Kazakh — Fluent | **Russian** — Fluent | **English** — Technical proficiency, technical documentation and business correspondence

- 15+ years of professional IT experience and experience leading IT departments and engineering teams.
- Enterprise experience across oil & gas, banking, and commercial environments; available for business travel.