

AZAMAT KATRENOV

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Authorized to work in Canada

SYSTEMS ADMINISTRATOR | INFRASTRUCTURE AUTOMATION

SUMMARY

Systems Administrator with 11+ years of experience supporting production Linux, Windows Server, virtualization, databases, web infrastructure, monitoring, automation, and security hardening. RHCSA/RHCE certified with hands-on experience in Bash, Terraform, Ansible, Docker/Podman, Proxmox, VMware, Zabbix, Prometheus, Grafana, Nginx, Apache, MySQL, and PostgreSQL.

CORE SKILLS

Linux/Windows: RHEL, CentOS, AlmaLinux, Rocky Linux, Ubuntu, Debian, Windows Server, Active Directory, DNS, DHCP, Group Policy

Automation/laC: Bash, Ansible, Terraform, PowerShell, cron, Git/GitHub, backup automation, documentation

Infrastructure: Proxmox, VMware ESXi/vSphere, KVM, Hyper-V, Nginx, Apache, MySQL, PostgreSQL, MS SQL Server, Docker, Podman

Monitoring/Security: Zabbix, Prometheus, Grafana, Splunk, SSH hardening, SELinux, PAM, firewalls, incident response

PROFESSIONAL EXPERIENCE

PS Cloud Company (ps.kz) | Remote Systems Administrator | Nov 2024 - Present

- Support 30+ cloud-based Linux servers, troubleshooting OS, networking, web application, and database issues.
- Automate backup and disaster recovery processes using Bash scripts and scheduled cron jobs.
- Manage Proxmox virtual machines, including provisioning, monitoring, resource allocation, and troubleshooting.
- Migrate CentOS 7 systems to AlmaLinux/Rocky Linux 9, ensuring service continuity and security compliance.
- Use Terraform and Git to manage infrastructure configuration changes; deploy containerized applications using Docker/Podman.

State Technical Service JSC | Kazakhstan Senior Systems Administrator | Nov 2018 - Aug 2024

- Managed 100+ Linux and Windows servers in production environments.
- Implemented HA web infrastructure using Keepalived and MySQL replication, achieving 99.9% service availability.
- Deployed Matrix Synapse internal messaging platform for 300+ employees.
- Implemented Linux security hardening, including password policies, SELinux, SSH controls, and vulnerability remediation.
- Automated administration tasks with Bash and maintained Zabbix alerting with Telegram integration.

Earlier Experience | Kazakhstan Application System Specialist / System Administrator / Chief Specialist | 2011 - 2018

Supported Linux/Windows servers, PKI, SharePoint for 1000+ users, web services, MySQL databases, SFTP automation, and technical support.

PROJECTS

Linux Security Hardening & Audit Readiness: Implemented password complexity, account lockout, SSH hardening, SELinux, PAM controls, and audit-ready documentation. GitHub: github.com/azik001/rocky9-password-policy-pam

CentOS 7 to Rocky Linux 9 Migration: Migrated legacy Linux systems and validated services, firewall rules, cron jobs, backups, user access, and application compatibility.

CERTIFICATIONS

RHCSA, RHCE, Red Hat Certified Specialist in Containers.

AZ-900 Microsoft Azure Fundamentals

EDUCATION

2024 – 2025 Graduate Certificate, Applied Network Infrastructure and System Administration - Conestoga College, Canada.

2004 – 2008 Bachelor Degree, Information Systems - Eurasian National University, Kazakhstan