

Ali Karamali

DevOps / Cloud Engineer | +6 Years Professional Experience

DevOps and Cloud Engineer with 5+ years of experience designing and operating private cloud infrastructures using OpenStack and Ceph clusters. Proven expertise in infrastructure automation with Ansible, advanced monitoring solutions (Prometheus, Grafana, OpenSearch), and high-availability architectures.

Professional Experience

Taba Telecommunication Development.CO, Tehran

06/2025 - Now

Full-Time DevOps and Cloud Engineer

- Designed and architected a multi-node private cloud infrastructure based on OpenStack, delivering secure, scalable, and highly available compute, storage, and networking services.
- Built and managed distributed Ceph clusters (RBD, CephFS, RGW) to provide reliable block, file, and S3-compatible object storage for production workloads.
- Deployed and automated OpenStack services (Nova, Neutron with OVN, Keystone, Cinder, Glance, Manila, Horizon, Masakari) enabling a fully functional multi-tenant cloud ecosystem.
- Implemented Infrastructure as Code (IaC) using Terraform and Ansible to automate provisioning, configuration, and lifecycle management of cloud resources.
- Designed and maintained CI/CD pipelines (e.g., GitLab CI / Jenkins) to automate build, test, and deployment processes, improving delivery speed and reliability.
- Deployed and managed containerized workloads using Kubernetes, integrating it with OpenStack for scalable and resilient application orchestration.
- Migrated and integrated internal services such as DNS (PowerDNS & PowerDNS-Admin), monitoring, backup, and communication systems into the private cloud platform.
- Engineered high availability solutions using HAProxy, Keepalived, and clustering techniques to ensure zero downtime for critical services.
- Built and deployed an enterprise-grade cloud streaming platform for secure and scalable delivery of data and media services.
- Integrated observability and monitoring solutions (Prometheus, Ceph Exporter, OpenStack Exporter, Grafana) with alerting mechanisms for proactive system health management.
- Automated scaling, failover, and disaster recovery using Masakari (VM HA), Cinder Backup (S3 integration), and Manila to enhance resilience.
- Optimized network architecture with VLAN-based provider networks, DVR, OVN bridge mappings, and MikroTik routing for secure and scalable tenant connectivity.



CONTACT

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High Technology Development Fund, Tehran

06/2022 – 06/2025

Senior System and Network Administrator (Full-Time)

- Provided expert support for multi-domain Active Directory environments, managing user accounts, security groups, and domain trust relationships across multiple domains.
- Operated and maintained email services, resolving delivery issues, spam filtering, and mailbox quotas.
- Performed network troubleshooting on routers and switches to ensure uninterrupted connectivity.
- Administered and configured Cisco switches for reliable network connectivity.
- Implemented Prometheus/Grafana monitoring system across 50+ servers, reducing incident detection time by 40% and improving infrastructure uptime from 95% to 99.5%.
- Deployed and configured PBX infrastructure, including system architecture and call routing.
- Built a call center with comprehensive reporting functionality, reducing average wait time by 3 seconds.
- Analyzed, tested, and troubleshot systems to resolve end-user issues.
- Managed 30+ Windows and Linux servers supporting 500+ users, achieving 99.8% uptime and reducing security vulnerabilities by 60% through automated patching.
- Created, configured, and managed virtual machines (VMs) for consistent operations.
- Upgraded and maintained core network services including NTP, DHCP, DNS, and FTP to the latest stable versions, improving service reliability and security compliance.
- Performed upgrades of Active Directory infrastructure, including Domain Controllers (DC) and Read-Only Domain Controllers (RODC), ensuring compatibility, stability, and enhanced security across domains.
- Managed and executed upgrades for VMware ESXi hosts and vCenter, minimizing downtime and improving virtualization platform performance and resilience.
- Updated and maintained firmware (iLO) on HPE servers, enhancing hardware monitoring, remote management capabilities, and system security.

LANGUAGES

- English: Proficient (Very good knowledge)
- German: Intermediate
- Persian: Native

9.dec.2025

Junior Network Administrator and NOC (Full-Time)

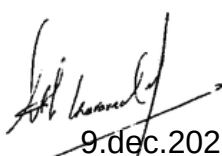
- Configured and deployed 25+ Cisco switches across enterprise network, implementing spanning-tree protocol and reducing network latency by 30%.
- Implemented robust port security measures and network security protocols to enhance enterprise infrastructure security.
- Collaborated with the network team to develop and implement security protocols, including VLAN segmentation, Access Control Lists (ACLs), and firewall rules.
- Troubleshot technical issues for over 1,000 users, providing timely solutions and excellent support.
- Created network diagrams and documented network configurations.
- Maintained accurate and up-to-date documentation for future reference and troubleshooting.
- Documented network services (IP addressing, DNS, DHCP, firewall rules) for efficient management and troubleshooting.
- Monitored network infrastructure, web services, bandwidth utilization, and VoIP systems to ensure optimal performance and early identification of bottlenecks.
- Regularly analyzed monitoring data to identify trends and patterns for capacity planning and network resource optimization.
- Worked closely with team members and other IT departments on ticket processing and issue escalation.
- Communicated with end users to gather information, perform remote troubleshooting, and update ticket status.
- Conducted regular inspections and maintenance of the server room to ensure high performance and reliability of IT infrastructure.
- Monitored the overall health and temperature of servers and equipment in the server room using monitoring tools.

 IT Skills

- HPE ATP – Hybrid IT Solutions V2 (2023)
- Docker Certified Associate
- MikroTik Certified Routing Engineer (MTCRE)
- MikroTik Certified Network Associate (MTCNA)
- Microsoft Certified Systems Administrator (MCSA)
- Microsoft Certified Systems Engineer: Security (MCSE)
- Cisco Certified Network Associate (CCNA 200-301)
- CompTIA Network+
- Asterisk VoIP

 EDUCATION**High School Diploma - Mathematics and Physics****07/2021****Shahid Motahari (M.P) (Shahed)** **AVAILABILITY & VISA STATUS**

- Visa Status: Requires Employment Sponsorship
- Available for Immediate Relocation to UAE
- Notice Period: Immediate Joiner


9.dec.2025