

Mohammad Naghdi

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Profile

I'm a DevOps Engineer with 4+ years of experience, specialized in automating complex infrastructures and container orchestration. My goal is always to transform manual tasks into reliable, automated workflows.

I believe DevOps is as much about people as it is about tools. I pride myself on my communication skills and my ability to bridge the gap between Dev and Ops teams to ensure smoother delivery.

I'm now focused on deepening my expertise in Cloud-native solutions and Kubernetes to build highly scalable and resilient systems.

Skills

- **Virtualization:** Proxmox/KVM (Design, Implementation, Testing, Production), VMware vSphere/vCenter (Design, Implementation, Testing, Production)
- **Containerization:** Docker, Docker-Compose, Containerd, LXC/LXD, CRI-O
- **Orchestration:** Swarm, Kubernetes (Design, Implementation, Automation, Production)
- **CI/CD:** Designed, tested, deployed, and managed CI/CD pipelines with GitLab, Artifactory, and Nexus
- **Database:** MySQL, PostgreSQL, Elasticsearch
- **Security:** Fortigate Firewall, IPtables, Fail2ban, OS Hardening, Audit Tools
- **Common Services:** Nginx, HAProxy, Keepalived, RabbitMQ, Kafka, GitLab
- **Observability:** Zabbix, Prometheus, Loki, Grafana
- **Automation:** Bash scripting, Python, Helm, Ansible
- **Network:** Configuration and management of Cisco and Mikrotik routers and switches
- **Soft Skills:** Teamwork, Communication, Curiosity, Collaboration, Problem Solving

Professional Experience

Senior DevOps Engineer

[TAPSI](#) [🔗](#)

Tehran, Iran
Apr 2024 – Present

Description: Tapsi is a leading ride-hailing service in Iran, connecting passengers with professional drivers and ensuring safety and reliability.

Responsibilities:

- Maintained multiple Kubernetes clusters with over 8,000 CPU cores and 20TB of memory, supporting more than 100 software developers.
- Using SaltStack for centralized and automated management of production and local NGINX servers.
- Managed more than 7 GitLab instances and orchestrated over 20 runners to support scalable CI/CD pipelines across Python, Java, Laravel, and Node.js projects.
- Served as a technical consultant for development teams by optimizing delivery workflows, improving pipeline efficiency, and ensuring high availability across environments.
- I managed the end-to-end infrastructure lifecycle, from physical server onboarding to automated configuration and integration into Kubernetes clusters. This included designing automated workflows for both Bare-metal and VM-based environments across multiple high-availability clusters.
- Automated the infrastructure lifecycle using Ansible, streamlining provisioning, network device configuration, and backup deployments to minimize manual operations.
- Maintained and optimized 2 VMware vSphere/vCenter clusters with over 80 ESXi hosts (HPE G7/G8/G9/G10/G10 Plus/G11).
- Designed and implemented observability solutions for Kubernetes clusters, network switches, HPE servers,

and VMware environments.

- Led the first implementation of the Tapsi monitoring infrastructure using Zabbix, centralizing observability across 150+ servers, 40+ network devices, 1,000+ virtual machines, and 80 ESXi hosts.
This deployment significantly enhanced infrastructure visibility and enabled proactive performance management by detecting critical resource bottlenecks such as CPU readiness and virtualization resource utilization. The monitoring solution also helped reduce operational costs through better resource optimization, early issue detection, and improved overall infrastructure efficiency.
- Migrated the "TapsiGarage" application between Afranet data centers (Shahin to Sabalan) while maintaining high availability and achieving minimum service disruption.
- Contributed to the design and implementation of Tapsi multi-data-center architecture, improving resilience and high availability.
- Installed and maintained HPE servers.
- Managed physical data centers using NetBox, automating server inventory, configuration, onboarding, and rack-level placement.

DevOps Engineer

Parto-Tech [🔗](#)

Isfahan, Iran

Feb 2022 – Feb 2023

- Pioneered the implementation of infrastructure and application monitoring systems, introducing monitoring solutions in several areas for the first time within the organization.
- Architected and deployed the company's first Ansible Tower environment, centralizing configuration management for 30+ production servers, including Proxmox hypervisors.
- Designed and implemented the company's first CI/CD and automation workflows.
- Designed, implemented, and managed the company's first hotspot service.
- Supported remote users accessing company resources via VPN.
- Implemented automated Disaster Recovery procedures using Duplicati and managed high-availability VoIP services (Issabel) for 40+ concurrent clients.
- Conducted R&D on open-source documentation projects.
- Orchestrated the seamless migration of mission-critical infrastructure from Parsonline to Asiatech Data Center, minimizing downtime through meticulous planning and automated cutover scripts.

Infrastructure Consultant

Jast [🔗](#)

Tehran, Iran

Apr 2023 – Jul 2023

Description: JAST focuses on improving lifestyles through exercise and nutrition.

Responsibilities:

- Designed and implemented company server network.
- Set up and managed pfSense firewall to secure network access.
- Managed and maintained Linux servers.

Infrastructure Engineer

Vitraco-IR [🔗](#)

Isfahan, Iran

Nov 2021 – Jan 2022

- Designed and improved network infrastructure to enhance performance and reliability.
- Implemented internet failover and bandwidth management strategies.
- Improved VPN connectivity, reducing internet downtime by 50%.

Education

Bachelor's Degree, Materials Engineering, Industrial Metallurgy Specialization
Esfarayen University

Esfarayen, Iran
2015 – 2019