

MOHAMMAD HOSEIN SOUFI GHORBANI

DEVOPS ENGINEER

PROFILE

Senior DevOps Engineer with ~8 years in large, high-availability environments. Expert in Kubernetes platform design (kubeadm/kubespray), GitOps/CI/CD, observability, and secure cluster operations. Built air-gapped and GPU-enabled platforms (NVIDIA GPU Operator, H100) and delivered reliable pipelines for Java/Golang/Python/NodeJS/Angular and AI workloads.

Experience

2025 - Present Yarei | Senior DevOps engineer | Tehran, Iran

- Built Kubernetes HA clusters from scratch (Kubespray, HAProxy, Keepalived) with 99.95% uptime.
- Deployed and managed GPU workloads (NVIDIA H100 with GPU Operator), accelerating AI pods and cutting model runtime by 40% using Kserver & Kuberay.
- Implemented end-to-end GitOps pipelines (GitLab CI, Helm, Argo CD, RBAC), reducing deployment lead time by 60%.
- Deployed and scaled AI apps such as OpenWebUI, Flux, ComfyUI, Whisper, Ollama, pyTTS, and pySTT, enhancing application performance and user experience.
- Integrated Harbor, Nexus, Longhorn, OpenVPN, kube-prometheus stack, providing full artifact, storage, and monitoring coverage.
- Automated TLS management with cert-manager + DNS webhooks (Cloudflare, Arvan), eliminating cert-related outages.
- Enhanced security posture by configuring PodSecurityContext, enabling least-privilege containers and automated Trivy image scanning.

2024 - Present RasadCo | Senior DevOps engineer | Tehran, Iran

- Operated air-gapped Kubernetes clusters (kubeadm/kubespray), handling multi-stage upgrades and scaling node capacity.
- Designed and implemented GitOps (GitLab + Argo CD), migrating 50+ services from legacy workflows and improving reliability by 70%.
- Built HA strategies for etcd/control plane, delivering 99.9% uptime for production clusters.
- Developed AWS infrastructure automation (EC2, VPC, S3, IAM) with Terraform and Ansible, reducing provisioning time by ~60%.
- Authored optimized Dockerfiles (Go, Node.js) with probes + HPAs, improving availability and reducing overprovisioning by 25%.
- Built monitoring with Prometheus + Grafana and integrated Nexus/Harbor registries, reducing deployment failures by 30%.
- Configured Zabbix + SMTP alerts, cutting mean detection time (MTTD) by 50%.

2023 - 2024 Dotin | DevOps engineer | Tehran, Iran

- Implemented and managed Kubernetes clusters (kubeadm/kubespray) for Java & Python microservices, while running .NET projects on Windows Server/IIS; integrated GitLab, Jenkins, Nexus to standardize CI/CD (~95% pipeline success).
- Provisioned Ceph RBD/CephFS for dynamic provisioning storage (20+ TB) for pods to support stateful services with ≥99.9% availability.
- Deployed Nginx for edge load balancing & high availability of enterprise applications, using Keepalived VIPs for fast failover (<1 min).
- Rolled out the kube-prometheus stack (Prometheus, Alertmanager, Grafana) and Zabbix, with ELK for logs—cut detection latency by ~50% and reduced MTTR ~35%.
- Automated 5,000+ Linux/Windows servers with Ansible + shell, and standardized Dockerfiles, shortening release cycles by ~30%.

2018 - 2022 IPEC | Devops engineer | Tehran, Iran

- Built Kubernetes HA clusters (kubeadm, HAProxy, Keepalived), ensuring 99.9% uptime for oil-industry workloads.
- Introduced GitOps (GitLab + Helm), cutting deployment downtime by 50%.
- Automated infra provisioning and server init with Ansible, boosting efficiency by ~70%.
- Expanded virtualization platform on ESXI and VCenter and implemented Veeam backup.
- Managed IIS, Tomcat, and Nginx reverse proxies; automated MySQL/PostgreSQL backups with Ansible.
- Migrated file services to Active Directory + DFS, reducing access tickets by 30%.
- Managed Mikrotik routers for tunneling, connectivity, and traffic shaping, improving network reliability and throughput.

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[Linkedin](#)



[Github](#)



SKILLS

-Kubernetes (kubeadm, Kubespray) - Helmchart
- Argo CD -Docker - GitLab CI/CD - Terraform
- Ansible - Prometheus/Grafana - Zabbix
- HAProxy -Keepalived - Nginx - Harbor
- Nexus - Ingress - OpenVPN
- Linux administration - Bash
-Active Directory/Windows Server basics.

LANGUAGES

Persian Native language

English Advanced language

CERTIFICATIONS

- AWS Certified Solutions Architect - Associate
- Kubestronaut
- CKA
- CKAD
- CKS
- KCNA
- KCSA
- LPIC-2
- LPIC-1
- VMware VCP-DCV