

Pedram Sarani

Site Reliability Engineer / DevOps Engineer

CKA | Kubernetes | Service Mesh | Argo Stack | Helm

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LOCATION

Tehran, Iran (Hybrid)

PROFESSIONAL SUMMARY

SRE/DevOps engineer with 8+ years of experience in Linux administration and production operations, including Kubernetes platform reliability and service mesh. Hands-on with multi-cluster operations (12 independent clusters overall), day-2 tasks (upgrades, troubleshooting), and incident response workflows. Experienced with GitOps delivery using Argo Stack (Argo CD, Argo Rollouts, Argo Workflows, Argo Events) and Helm. Strong focus on observability (Prometheus/Grafana, ELK) and distributed tracing (Jaeger), plus controlled failure testing with Chaos Mesh. Familiar with DR practices such as standby clusters and multi-location off-cluster backups for etcd snapshots (including S3-compatible storage).

SELECTED ACHIEVEMENTS

DR readiness

Maintained a standby production cluster strategy with documented failover and restore steps.

Backup readiness

Implemented 3-location off-cluster retention for etcd snapshots (S3-compatible object storage, secondary datastore managed by the virtualization team, plus an on-host copy).

Observability & resilience

Strengthened troubleshooting with metrics/logs/traces (Prometheus/Grafana, ELK, Jaeger) and controlled failure testing (Chaos Mesh).

CORE SKILLS

Kubernetes (CKA)

Argo Stack
(CD/Rollouts/Workflows/Events)

Helm

GitLab CI/CD

Prometheus

Grafana

Jaeger

ELK (Elastic Stack)

Chaos Mesh

Linux (Debian/RedHat)

Docker

Service Mesh

Terraform

SCALE

PRODUCTION CLUSTERS

3 production clusters (25 workers / 5 control-plane / 5 etcd)

CLUSTER FOOTPRINT

12 independent clusters across environments

SERVICES

~100 production services, ~200 sandbox services

PLATFORM TRAFFIC

~2M requests/day

CERTIFICATIONS

CKA - CNCF

EDUCATION

M.Sc. in Software Engineering

LANGUAGES

Persian

Native

English

Upper-intermediate (B2)

- FANAP Infrastructure** Sep 2022 - Present
Pardis/Tehran, Iran (Hybrid)
Site Reliability Engineer (Full-time)
 - Operated 3 production Kubernetes clusters (25 worker nodes, 5 control-plane nodes, 5 etcd) with service mesh; supported 12 independent clusters across environments.
 - Supported ~100 production services and ~200 sandbox services; assisted reliability and capacity planning for high-traffic workloads (~2M requests/day).
 - Maintained DR readiness via a standby cluster approach and multi-location off-cluster backups for etcd snapshots; documented restore/failover procedures.
 - Worked with Argo ecosystem tooling: Argo CD, Argo Rollouts, Argo Workflows, and Argo Events; used GitOps patterns and Helm-based packaging; used Chaos Mesh for controlled failure testing when applicable.
 - Improved observability practices using metrics/logs/traces (Prometheus/Grafana, ELK, Jaeger) to speed up troubleshooting.
- Fanap Soft** Oct 2019 - Mar 2023
Pardis, Iran (Hybrid)
DevOps Engineer (Full-time)
 - Internal transfer within FANAP group to FANAP Infrastructure (Sep 2022).
 - Collaborated with developers to streamline deployment and delivery workflows.
 - Automated repeatable operations using Ansible and shell scripting; supported CI/CD pipelines where applicable.
 - Standardized container runtime configuration with Docker to improve release consistency.
- AloPeyk** Jul 2019 - Oct 2019
Iran
DevOps Engineer (Full-time)
 - Supported production operations and deployment tooling for an on-demand delivery platform.
- Pars Parva System (ParsPack)** Feb 2017 - Jul 2019
Tehran Province, Iran
System Administrator (Full-time)
 - Administered Linux servers: OS tuning, user management, service operations, troubleshooting.
 - Supported web and database services (MySQL); automated recurring tasks with shell scripts.