

# Kaveh Moradian

## DevOps Engineer

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I'm a **DevOps Engineer with 3+ years** of hands-on experience operating production infrastructure across cloud and bare-metal environments. I specialize in **automation, observability, and reliability**, helping teams reduce operational risk, improve uptime, and scale systems confidently. I've supported mission-critical platforms in enterprise and scale-up environments, collaborating with distributed teams to continuously improve system performance and operational efficiency.

### HARD SKILLS

**Cloud & Infrastructure:** AWS, ESXi, Proxmox

**Containers & Orchestration:** Docker, Kubernetes, Docker Swarm, CRI-O, CapRover, Portainer

**Observability & Monitoring:** Grafana, Prometheus, ELK, Zabbix, Loki, Mimir, Sentry

**Automation & IaC:** Ansible, Terraform, Bash, Helm, Argocd

**CI/CD:** Github Actions, Gitlab CI

**Security:** Vault, Teleport, Iptables, Safeline WAF, Fail2Ban, Lynis

**Networking & Edge:** Traefik, NGINX, HAProxy, Keepalived

**Databases & Messaging:** PostgreSQL, MariaDB, MongoDB (replication & clustering), Redis, RabbitMQ

**Scripting & Programming:** Python, Node.js

### SOFT SKILLS

Problem-Solving, Collaboration & Teamwork, Communication, Adaptability, Attention to Detail

### RELEVANT WORK EXPERIENCE

#### City Development and Innovation , Tehran, Iran March 2023 – Present DevOps Engineer

- **Automation & Standardization:** Designed and implemented **automation** workflows to **standardize** operations across **130+ production servers**, reducing human error and improving system consistency.
- **Monitoring & Observability:** Built and maintained enterprise-grade monitoring and alerting using **Zabbix, Prometheus, Grafana, and the ELK stack**, providing full visibility into system health and performance.
- **CI/CD Pipeline Automation:** Built and **standardized CI/CD automation across 40+ projects**, reducing manual release effort and improving deployment consistency.
- **Uptime & Stability:** Ensured 99.9%+ service uptime for **mission-critical** banking platforms through proactive monitoring, alert tuning, and capacity tracking.
- **Incident Response & MTTR Reduction:** Improved incident detection and troubleshooting speed by correlating **metrics, logs, and alerts** across centralized observability systems.
- **Cross-Team Collaboration:** Worked closely with **security, network, and application teams** to operate secure, compliant, and highly stable banking infrastructure.

#### Perfetto Gruppo, Rende, Italy March 2023 – September 2025 DevOps Engineer

- **CI/CD Pipeline Development:** Designed and implemented automated CI/CD pipelines using **Github Actions**, optimizing the build, testing, and deployment processes.
- **Infrastructure as Code:** Designed, provisioned, and managed **AWS** infrastructure using **Terraform** and

**Ansible**, enabling repeatable, auditable, and scalable deployments.

- **Kubernetes & GitOps Operations:** Operated and maintained **Kubernetes cluster**, implementing **ArgoCD** (GitOps) for safe, predictable, and low-risk application deployments.
- **Security & Secrets Management:** Implemented **secure access** and **secrets management** using **HashiCorp Vault** and **OpenVPN**, strengthening infrastructure security posture.
- **Monitoring & Reliability Engineering:** Designed and implemented end-to-end monitoring with **Prometheus** and **Grafana**, building dashboards to track system health and performance.

#### Zanjire Tamin, Tehran, Iran October 2024 – December 2024 DevOps Engineer

- **Kubernetes Cluster Creation and Management:** Led production **migration** from **Docker Swarm** (CapRover) to **Kubernetes** on bare-metal, improving scalability, deployment reliability, and operational control.
- **CI/CD Pipeline Automation:** Designed and maintained **GitLab CI** pipelines, reducing manual deployment errors and accelerating release cycles.
- **Infrastructure Security:** Secured infrastructure using **Safeline WAF** and implemented **Teleport** for secure, auditable access management.
- **System Performance Optimization:** Optimized system performance and availability during **infrastructure migration** in a production environment.

#### EDUCATION

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##### Kharazmi University, Tehran 2021 - 2025, Bachelor of Computer Engineering