Hamidreza Shafie

DevOps Manager | DevSecOps & Platform Engineering

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SUMMARY

DevOps and DevSecOps leader with 10+ years of experience, growing from network and Linux engineering to leading DevOps teams. Manages DevOps remotely for companies across the USA, Canada, UAE, UK, Germany, China and Russia; previously led DevOps at Hamrahe Aval (MCI). Track record of cutting infrastructure costs by up to 90%, raising SLA up to 99.96%, and building security into the pipeline rather than bolting it on.

"I don't settle for the first option. I build a better one."

EXPERIENCE

DevOps Manager · Remote — Jun 2024 – Present

Leading DevOps and DevSecOps for a company building LLM and MLOps products on Azure and AWS, where security is a core requirement, not an afterthought.

- Own the DevOps strategy and roadmap, and mentor a team of DevOps engineers.
- Designed secure CI/CD pipelines with security controls embedded across the software development lifecycle.
- Drove company-wide Infrastructure as Code adoption with Terraform for repeatable, auditable cloud environments.
- Run Kubernetes for ML workloads supporting LLM products.
- Align cloud architecture on Azure and AWS with security and compliance needs.

Stack: Kubernetes · Terraform · Azure · AWS · CI/CD · MLOps · DevSecOps

DevOps Team Lead · Hamrahe Aval (MCI) — May 2023 – Jun 2024

Led the DevOps team at one of the largest telecom operators in the region, modernizing how infrastructure was delivered and secured.

- Introduced GitOps workflows on Kubernetes, making Git the single source of truth for deployments.
- Implemented HashiCorp Vault for centralized secrets management.
- Standardized secure infrastructure provisioning with Terraform.
- Led vulnerability remediation across the platform and folded security fixes into team workflows.

Stack: Kubernetes · GitOps · HashiCorp Vault · Terraform

DevOps Engineer · PlayPod — Jun 2022 – May 2023

Built and operated the infrastructure for a cloud gaming platform for eSports, where performance and availability directly shape the player experience.

- Designed a scalable Kubernetes platform with GitOps-based deployments.
- Embedded security checks into the CI/CD pipeline.
- Implemented network segmentation, access controls, and security policies to protect the platform and its users.

Stack: Kubernetes · GitOps · CI/CD · Network Security

DevOps Engineer · Alpha Cloud — Jun 2022 – May 2023

Focused on security automation and secure access for cloud infrastructure.

- Automated configuration management, patching, and vulnerability remediation with Ansible, cutting manual work.
- Managed secure VPN access for teams and infrastructure.
- Ran threat monitoring to detect and respond to security issues early.

Stack: Ansible · VPN · Security Monitoring

Security Engineer · Confidential · Remote — Jan 2021 – May 2022

Remote security engineering for client infrastructure, bridging network security and the move to cloud-native DevSecOps.

- Hardened Linux servers and network infrastructure with access controls and patching.
- Managed secrets and secure remote access.
- Set up security monitoring and responded to incidents.
- Brought security checks into deployment workflows.

DevOps Engineer · Pafco — Jul 2020 – Dec 2020

- Led development of software solutions designed for security, scalability, and performance.
- Introduced security automation tools into the development process.
- Wrote technical and security-architecture documentation for the team and stakeholders.

Network and Security Manager · Pars Pardaz — Sep 2019 – Jul 2020

- Led the team responsible for the company's entire network security.
- Ensured compliance with security protocols and industry standards, and rolled out security best practices company-wide.

Senior Network Engineer · MEPS — Jan 2015 – Feb 2020

- Owned network performance, stability, and security; maintained and improved network infrastructure.
- Resolved complex network problems and handled security incidents.

SELECTED PROJECTS

- **Telecom Platform Modernization** (North American telecom operator): right-sizing, GitOps delivery, reviewable infrastructure changes.
- **IaC & Secrets Baseline** (telecom operators and network vendors): Terraform baseline, Vault secrets, pipeline gates.
- **Power Plant & Energy Infrastructure:** a separate change path, patching, backups, alerting.
- **Payments & Fintech DevSecOps:** identity, secrets, and policy in the pipeline as audit evidence.
- **Crypto Exchange Security & Reliability:** limiting blast radius, key management, environment isolation.
- **Media & News Platform Scaling:** elastic capacity for traffic spikes, self-service delivery.
- **Cloud & SaaS Platform Cost and Tenancy:** unit cost, tenancy boundaries, GitOps promotion.
- **Government, Public Sector & Universities:** documented infrastructure, least privilege, handover.

SKILLS

Containers & Orchestration	Kubernetes, Docker, GitOps (Argo CD, Flux)
Infrastructure as Code	Terraform, Ansible
Cloud	AWS, Azure, Cloud Security
Security	DevSecOps, CI/CD Security, HashiCorp Vault, Network Security
Platform & Systems	Linux, Nginx, Networking, MLOps & LLM Infrastructure
Scripting & Tools	Bash, Git

CERTIFICATIONS

CKA (Certified Kubernetes Administrator) — The Linux Foundation, Jul 2023

AWS Certified Cloud Practitioner — Amazon Web Services, Feb 2023

LFS169 Introduction to GitOps — The Linux Foundation, Jan 2023

SSCP — ISC2

CCNP Routing and Switching — Cisco

Microsoft Certified Professional — Microsoft, Mar 2017

EDUCATION

BSc, Computer Systems Networking and Telecommunications

Islamic Azad University · 2018 – 2020

LANGUAGES

English (full professional) · Persian (native) · Kurdish (native) · Tajiki (professional working) · Russian (limited working)