Sobhan Mirbabaei

Senior DevOps Engineer | Platform Engineer | DevSecOps Specialist | Infrastructure Architect

‹Tehran, Iran • sobhan.mirbabaei@gmail.com • +98 936 832 4231 • linkedin.com/in/sobhanmb

PROFESSIONAL SUMMARY

Senior DevOps Engineer with 4+ years of hands-on experience designing, automating, securing, and scaling production infrastructure across fintech, banking, insurance, telecom, and enterprise sectors. Deep expertise in Kubernetes, CI/CD pipelines, DevSecOps, Zero Trust architecture, Service Mesh, and cloud-native infrastructure on AWS and Hetzner Cloud.

Proven track record of reducing deployment time by 70%, achieving 99.95% service uptime, and cutting production incidents through intelligent automation, proactive monitoring, and infrastructure optimization. Skilled in Incident Response, Platform Engineering, and Mission-Critical infrastructure design with focus on Reliability, Security, and Scalability.

TECHNICAL SKILLS

Containerization & Orchestration	Kubernetes, Docker, Helm, ArgoCD, Containerd, Docker Compose, Service Mesh
CI/CD & GitOps	Jenkins, GitLab CI/CD, ArgoCD, GitOps, Pipeline as Code, Integration Testing, Harbor
Cloud & Infrastructure	AWS (EC2, S3, VPC, IAM, EKS, Route53), Hetzner Cloud, VMware ESXi, KVM, Hyper-V, VDI
Infrastructure as Code	Terraform, Ansible, Bash, Python, YAML, n8n
DevSecOps & Security	Trivy, Gitleaks, OWASP ZAP, Nuclei, SonarQube, DefectDojo, HashiCorp Vault
Monitoring & Observability	Prometheus, Grafana, ELK Stack, Alertmanager
Identity & Access Management	Keycloak, NetBird, OIDC, LDAP, Zero Trust Architecture, SSL/TLS, Certificate Management
Networking	Nginx, HAProxy, Keepalived, Reverse Proxy, Load Balancing, API Gateway, Request Signing
Databases & Storage	PostgreSQL, MySQL, SQL Server, Redis, MinIO

PROFESSIONAL EXPERIENCE

Senior DevOps Engineer | Infrastructure Specialist

Oct 2022 – Present

DayaTadbir *Iran*

- Designed and maintained Hybrid infrastructure (On-Premise + Containerized) for multiple product teams, achieving 99.95% uptime SLA
- Architected and deployed Zero Trust Network Access (ZTNA) using NetBird and Keycloak with OIDC/LDAP federation
- Deployed centralized SSO platform using Authelia, Keycloak, and Nginx auth_request for 15+ internal services
- Engineered High Availability infrastructure using Nginx, HAProxy, and Keepalived with VRRP failover
- Provisioned and managed production-grade Kubernetes clusters with kubeadm including TLS certificate lifecycle management
- Implemented Service Mesh for inter-service communication security and observability
- Managed full SSL/TLS certificate lifecycle: issuance, renewal, chain validation, and Java truststore integration
- Debugged and resolved SSL/TLS Handshake errors and Certificate Chain mismatches in production environments
- Implemented Request Signing and secure Upstream communication via Nginx for API security
- Built automated test pipelines including Integration Testing stages within CI/CD workflows

- Deployed and managed GitLab, Harbor, Nexus, MinIO, Mattermost, and HashiCorp Vault self-hosted platforms
- Reduced Mean Incident Response Time (MIRT) by 45% through runbook automation and alert tuning
- Led Incident Response and Troubleshooting for mission-critical production infrastructure
- Mentored 3 junior engineers; established internal DevOps documentation and best practices

DevOps Engineer *Sep 2021 – Sep 2022*
SaminRay *Iran*

- Designed and optimized CI/CD pipelines using Jenkins and GitLab CI/CD, reducing deployment time by 70%
- Managed Kubernetes and Docker workloads in production environments across multiple application teams
- Integrated security scanning tools (Trivy, Gitleaks) into CI/CD pipelines, reducing vulnerabilities by 60%
- Designed monitoring stack with Prometheus and Grafana; reduced deployment errors by 40%

Network Engineer *Mar 2020 – Sep 2021*
SaminRay *Iran*

- Managed enterprise network infrastructure including Cisco, Kerio, and Sophos appliances
- Administered Active Directory, DNS, DHCP, and WSUS in multi-site domain environments
- Hardened network security through VLAN segmentation, ACLs, and Firewall policy tuning
- Managed VMware ESXi infrastructure and Virtual Desktop Infrastructure (VDI)

Software Developer (Angular / .NET) *Aug 2020 – Feb 2021*
DayaTadbir *Iran*

- Contributed to Frontend and Backend development using Angular and .NET Core
- Gained deep knowledge in software architecture, SDLC, and API design patterns

KEY PROJECTS

Shaparak National Wallet (Kif-Pol-Melli) | *SIT | UAT | PROD*

- Designed, deployed, and maintained DevOps infrastructure for national banking environments with strict compliance requirements
- Implemented CI/CD, Kubernetes orchestration, and Monitoring stack for sensitive financial microservices

Peyman — Tamin | *SIT | UAT*

- Implemented DevOps infrastructure and Release Management for enterprise-scale social security platform

DCB Platform — Hamrahe Aval (MCI) | *SIT | UAT | PROD*

- Designed and managed production infrastructure for telecom direct carrier billing services with high-availability requirements

JibJet — Irancell | *SIT | UAT | PROD*

- Deployed and maintained infrastructure for telecom digital services with automated deployment pipelines

Cover724 — Asia Insurance BNPL | *SIT | UAT | PROD*

- Architected DevOps infrastructure for insurance and Buy Now Pay Later (BNPL) services with Security and Availability focus

Bankvareh NeoBank CI/CD — Taavon Development Bank | *SIT | UAT | PROD*

- Designed and implemented CI/CD pipelines for 10+ banking microservices
- Integrated DevSecOps controls: Security Scanning, SAST, DAST, and Integration Testing in all pipelines

E-Wallet Platform — Islamic Azad University

- Owned full CI/CD pipeline design and implementation
- Implemented Kubernetes HPA and Infrastructure Automation for dynamic scaling

Tipax E-Wallet Infrastructure | *SIT | UAT | PROD*

- Designed Kubernetes infrastructure for fintech payment services with high-throughput requirements
- Implemented CI/CD workflows and DevSecOps controls

MasterTube — Video Streaming Platform | *SIT | UAT | PROD*

- Designed scalable infrastructure for video streaming with MinIO object storage
- Built automated deployment pipelines with blue/green deployment strategy

CERTIFICATIONS

- **Certified Kubernetes Administrator (CKA) — Cloud Native Computing Foundation (CNCF)**
- **Ansible 2 for Configuration Management — Linux Foundation**
- **CCNP**
- **CCNA**
- **NETWORK+**

EDUCATION

M.Sc. Computer Engineering — Software Engineering
Islamic Azad University — Babol Branch

ADDITIONAL INFORMATION

Languages: Persian (Native), English (Intermediate)

Military Service: Completed

Target Roles: Senior DevOps / Platform / Cloud / SRE / DevSecOps