

Soroush Alinia

DevOps Engineer

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PROFESSIONAL SUMMARY

DevOps Engineer with hands-on experience building CI/CD platforms from the ground up and operating Kubernetes-based production infrastructure. Proven track record designing zero-downtime release pipelines, cutting incident response time via full-stack observability, and shipping self-authored infrastructure tooling in Go.

PROFESSIONAL EXPERIENCE

DevOps Engineer

Dec 2024 – Present

Benobe

Remote

- Operate and maintain production microservices infrastructure serving 150K+ active users across healthcare providers.
- Migrated a full production stack from on-premise, pipeline-less Docker to Kubernetes during a ground-up rewrite – architecting a 4-node cluster (staging + production) running 10+ services including frontend, backend/admin panel, payment service, database, and Redis.
- Designed CI/CD pipelines from scratch (Gitea + Woodpecker CI), enabling several zero-downtime production deployments per day with no service interruption.
- Implemented centralized monitoring using Prometheus, Grafana, Loki, and Alertmanager, cutting incident detection to near-instant and worst-case fix-to-redeploy turnaround to under 30 minutes.
- Automated server provisioning using Ansible and modular Bash scripting, managing RBAC policies, Ingress, and secrets across the cluster.

Backend & DevOps Engineer

Sep 2023 – Dec 2024

Freelance

Tehran, Iran

- Engineered and deployed backend services using FastAPI, Django, Docker, and PostgreSQL with Redis caching layers, building automated CI/CD pipelines that eliminated manual deployment steps for client projects.
- Administered and hardened Linux production servers, writing modular Bash scripts for routine maintenance and security.

Open Source Contributor

Dec 2025 – Present

Parch Linux

Remote

- Contribute to Linux distribution build automation, packaging pipeline workflows, and release infrastructure.
- Optimized custom ISO generation workflows and cloud-init provisioning scripts.

PROJECTS

backupd | Go, S3, Docker, Kubernetes

Jul 2026 – Present

- Built and maintain a declarative S3-compatible backup daemon in Go featuring content-addressed deduplication, AES-256-GCM encryption with Argon2id key derivation, and an embedded cron scheduler.
- Implemented incremental backups with tiered retention policies (daily/weekly/monthly), snapshot integrity verification, and pre/post/on-failure hooks.
- Shipped support for PostgreSQL, MySQL, MongoDB, and SQLite backups, plus Docker volume and Kubernetes PVC sources, with streaming multipart uploads to AWS S3, MinIO, Spaces, and B2; published full documentation site and CI pipeline.

Namira | Go, Docker, Bash

Jun 2025 – Present

- Developed lightweight Go tooling and shell scripts for real-time monitoring, benchmarking, and automated verification of distributed network endpoints and self-hosted services.

Internal Developer Platform | Docker, Forgejo, Keycloak, MinIO, Nexus, LDAP

Dec 2025

- Designed and documented a self-hosted Internal Developer Platform (IDP) – Forgejo, Nexus, Keycloak, MinIO, LDAP – wired via Docker Compose with automated TLS.
- Configured cross-service SSO federation (LDAP to Keycloak to OIDC/OAuth2 for Forgejo and Nexus) unifying platform authentication, plus scheduled automated backups of all service data to MinIO.

CERTIFICATES

Associate DevOps Engineer

Arvan Academy

Nov 2025

TECHNICAL SKILLS

Linux & Systems: Linux Administration, Systemd, Bash Scripting, Network Troubleshooting
Containers & Orchestration: Kubernetes, Docker, Helm, RBAC, Ingress
Storage & Caching: MinIO (S3), Ceph, SeaweedFS, Redis
Infrastructure as Code: Terraform, Ansible
CI/CD & GitOps: GitLab CI/CD, GitHub Actions, Gitea, Woodpecker CI, Git
Monitoring & Logging: Prometheus, Grafana, Loki, Alertmanager, ELK Stack
Networking & Web: Nginx, Reverse Proxies, DNS, TCP/IP, SSL/TLS
Languages & DBs: Python, Go, Bash, PostgreSQL, MySQL

EDUCATION

Master of Industrial Engineering

Islamic Azad University, Qazvin Branch

2023 – 2025

Iran

Bachelor of Industrial Engineering

University of Guilan

2019 – 2023

Iran