

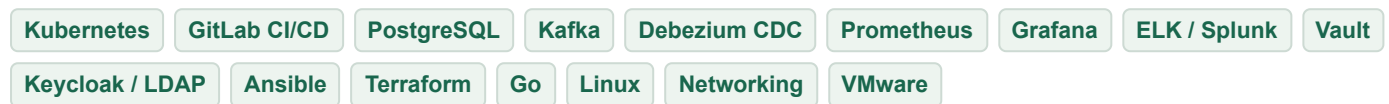
Amirhossein Hajimohammadi

Platform | DevOps | SRE | Infrastructure

Engineer focused on Kubernetes, platform engineering, reliability, observability, data infrastructure, security, automation, and practical consulting for companies. Experienced across production operations, secure service delivery, cloud-native migration, CI/CD, PostgreSQL, Kafka, Linux, networking, and virtualization.

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CORE STRENGTHS



PROFESSIONAL EXPERIENCE

Platform | DevOps | SRE | Infrastructure - Saman Solutions Oct 2025 - Present

Infrastructure, DevOps, data, security, network, and internal-service delivery for product and platform teams.

- Delivered platform, infrastructure, DevOps, SRE, data, security, and reliability work for Baloan, Baloanext, and Mobillet product teams.
- Supported product delivery through Kubernetes and container platforms, CI/CD, observability, database reliability, access control, automation, and safer release practices.
- Worked closely with product and engineering teams to improve production operations, reliability, monitoring, data workflows, and infrastructure maintainability.

Platform | DevOps | SRE | Infrastructure Consultant - Nihito, Switzerland May 2025 - Present

- Designed production-ready Exoscale infrastructure for testing, staging, and production workloads; implemented CI/CD, MinIO, Harbor, and delivery workflows.
- Managed an Excel-to-WebApp transformation project and helped shape infrastructure for maintainable product delivery.

DevOps & SRE Engineer - SnappTrip Jan 2023 - Oct 2025

- Managed DevOps and SRE work, upgraded Kubernetes from v1.15 to v1.30, implemented Istio, and improved production observability, APM, SMS, logging, and recovery flows.
- Upgraded PostgreSQL environments to 16 and 17, built beta environments, and automated operations with n8n, TypeScript, and infrastructure workflows.

Infrastructure Consultant - Berry on Mars, Germany Jul 2023 - Apr 2024

- Designed Azure infrastructure, managed AKS environments, implemented GitLab CI/CD for .NET projects, configured MinIO and Nexus, and migrated services to Hetzner Cloud.

Senior Network, Virtualization, and System Engineer - SnappTrip Dec 2022 - Jan 2023

- Implemented VLAN segmentation, upgraded Active Directory and legacy services, deployed FortiWeb WAF, and optimized FortiGate firewall configurations.

SELECTED PROJECTS

SecureShare: Self-hosted one-time secret delivery service built with Go, PostgreSQL, Vault Transit, HMAC token lookup, explicit reveal, optional passwords, API clients, audit events, metrics, and English/Persian recipient pages.

CI Agent: CI/CD analysis with rule-based findings, optional AI summaries, and Mattermost workflows.

Dabir: Go/Next.js registry and letter-numbering system with RBAC, S3 attachments, Helm, and Kubernetes deployment.

Kafka KRaft Ansible: Multi-node Kafka deployment automation with validation and OS tuning.

PostgreSQL Updating: PostgreSQL 9.6/10 to 16/17 migration guide with pglogical, cutover planning, and sequence repair.

TigerBeetle Ansible: Inventory-driven deployment role for scalable TigerBeetle clusters.

OPEN SOURCE CONTRIBUTIONS

- Linux kernel: signed-off linux-next patch, "staging: rtl8723bs: remove unused monitor interface name", committed by Greg Kroah-Hartman.
- SeaweedFS: merged Helm/mTLS fix for bucket-creation hook certificate mounts.
- Kubernetes ecosystem: PRs across Kubernetes, Velero, and cloud-provider-vsphere.
- Docker ecosystem: PRs across Docker CLI and Docker Agent, including runtime/developer-tooling improvements.
- Other public work includes OpenProject MCP search improvements, Sema repository reference cleanup, PgHero Helm work, and infrastructure-focused repositories under HajimohammadiNet.

WRITING

- Design Patterns for Vibe Coders #1 - coupling, cohesion, and cost of change for AI-assisted builders.
- Zero-Downtime UniFi Controller Migration Across Subnets - L3 migration without reset or re-adoption.
- Killing the "Can You Check the Logs?" Workflow in Kubernetes - label-driven logging as a platform contract.
- Why Distributed Tracing Often Breaks at the Edge - HAProxy, Kong, W3C Trace Context, and OpenTelemetry.

EDUCATION & KNOWLEDGE SHARING

Bachelor's Degree in Electrical Engineering, Telecommunications, Islamic Azad University.

Information Technology instructor across LPIC-1, LPIC-2, Docker, Kubernetes, CI/CD, Bash scripting, Linux system administration, and DevOps engineering practices.