

# Arash Haghghat

Tech Lead and Reliability Engineer with 15+ years of experience delivering scalable, secure infrastructure across startups and enterprise environments. I lead by example, drive platform and DevEx improvements, and help teams adopt cloud-native, reliable systems through automation, observability, and a strong DevOps mindset.

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## EXPERIENCES

### Principal Reliability Engineer — DSM-Firmenich via Xebia

DECEMBER 2025 - JANUARY 2026

I architected and implemented a continuous compliance monitoring platform for ~100 AWS accounts against the well known security benchmarks and the AWS Well-Architected framework. I built the deployment architecture on ECS Fargate and Lambda, enabling historical trend tracking so teams can measure remediation impact over time. Tuned controls to reduce false positive noise and focus engineering attention on actual risk.

### Technical Lead — Dutch railways (NS) via Xebia

APRIL 2025 - DECEMBER 2025

I'm enabling the team to build NS's mission-critical, multi-region Azure landing zone. I'm involved in architectural and strategic decisions while ensuring platform scalability and resilience. I work with platform stakeholders and internal customers to operate and monitor their services, run incident response exercises, conduct chaos engineering experiments, and help define onboarding and support processes. I'm actively advocating for platform engineering, DevOps practices, and improvements to developer experience (DevEx) across the organization.

### Platform Engineer — Dutch railways (NS) via Xebia

JULY 2023 - APRIL 2025

I helped build a self-service container platform using AKS and Azure. One of the major successes was implementing and migrating a cloud-agnostic, mission-critical Harbor registry—one of the largest multi-region, multi-cloud instances—into the new platform architecture and landing zones in 9 months. This platform provides customers with reusable components and golden paths to build and run secure, reliable, and scalable services.

### Consultant and Trainer — Xebia

JULY 2023 - PRESENT

Hands-on consulting across SRE and platform engineering initiatives. Engagements include multi-cloud Kubernetes (AWS, GCP, Azure), IaC building blocks, large-scale migrations, compliance automation on ECS/Lambda, and observability implementations. I focus on delivery first, and on improving how teams work along the way.

## SKILLS

Team mentoring & onboarding  
Cross-team collaboration  
Roadmap planning, stakeholder management

Platform engineering, self-service tooling, DevEx advocacy  
Container lifecycle

AWS, Azure, GCP, Proxmox, Kubernetes, Helm, Harbor, GitOps, Terraform

GitLab CI, CircleCI, Flux, Ansible  
Build pipelines, e2e testing, supply chain security

Prometheus, Grafana, Datadog, ELK Stack

Incident response, SLOs, chaos engineering, disaster recovery

## CERTIFICATES



## Senior Site Reliability Engineer — Shypple

AUGUST 2021 - JULY 2023

I designed and deployed new infrastructure, migrated legacy workloads to GKE, and led the rollout of CI/CD pipelines, Helm packages, and platform-wide Datadog monitoring.

I improved platform resilience and agility by consolidating CI/CD on CircleCI and implementing automated unit/e2e testing, as well as supply chain security.

These efforts raised platform availability from 99.8% to 99.99%. I also implemented regular pen tests, disaster recovery procedures, and infrastructure-as-code to ensure robust, secure, and scalable operations.

## Head of Infrastructure & Operations — AloPeyk

APRIL 2019 - AUGUST 2021

I led two cross-functional teams while coordinating with others to manage infrastructure across on-prem and cloud (GCP).

I successfully reduced infrastructure costs by 40% by planning and executing a migration of ~300 monolithic VMs to Kubernetes microservices in a hybrid architecture.

Before transitioning to the cloud, I redesigned our virtualization layer (Proxmox) to ensure GCP compatibility. My work covered everything from CI/CD and DevOps toolchains to observability, high availability, and performance tuning.

## Senior Site Reliability Engineer — AloPeyk

SEPTEMBER 2018 - APRIL 2019

I implemented HAProxy as a load balancer and API gateway, scaling traffic up to 500K RPM.

I also built fully automated GitLab CI pipelines that cut deployment time from a full day to under an hour, including QA gates and approval steps.

I managed infrastructure across two data centers: backup, patching, monitoring, and scaling. I also operated clustered services such as MongoDB, Redis, and RabbitMQ, ensuring high availability and reliability.

## Senior DevOps Engineer — Pasargad Electronic Payment

JULY 2018 - MARCH 2020

I reduced the ops team's workload by 30% by automating server provisioning and configuration with Ansible.

I also cut critical infrastructure deployment time from nearly a month to just a few hours by implementing GitLab CI pipelines.

This helped accelerate agile delivery, improve consistency, and reduce human error in the production process.

## DevOps engineer — Pasargad Electronic Payment

APRIL 2017 - JULY 2018

I implemented Zabbix for comprehensive infrastructure monitoring and maintained internal tools like JFrog Artifactory, SonarQube, GitLab, Jira, and the ELK stack.

I led the migration from legacy version control systems (SVN, TFSVC) to Git, establishing scalable branching and tagging strategies and training developers on modern workflows.

## Earlier roles — Various companies

JUNE 2011 - MARCH 2017

Supported **telecom and enterprise infrastructure**, with a focus on Linux systems, 2G/3G VAS platforms, and automation using tools like Zabbix,

## LANGUAGES

English

Farsi/Persian

## VOLUNTEER WORK

### Organizer – Site Reliability Engineering NL meetup

APRIL 2024 - PRESENT

Together with friends in the SRE world, I manage the Site Reliability Engineering NL Meetup group. This means I'm involved in planning, curating, and running our community events with a great group of people.

## EDUCATION

### Azad University, Bachelor of Science

SEPTEMBER 2016

Software Engineering

**Ansible, LDAP, DNS, MySQL, and CI/CD pipelines** (GitLab, Redmine).

Designed and deployed **Virtual Desktop Infrastructure (VDI)** solutions and private datacenter automation for in-house delivery.

Developed smart home automation apps and early mobile software using Windows CE, C#, and socket programming.

Contributed to cross-functional projects in **telecom (MTN Irancell, Rahnama) and embedded systems**, gaining strong foundations in infrastructure, deployment pipelines, and production operations.