HAMED MAALEKI

Senior DevOps Engineer | Infrastructure Automation & Observability

Tehran, Iran | Open to relocation to Germany and other European countries
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Work authorization: Employer support required for the work visa / residence permit process.

PROFESSIONAL SUMMARY

Senior DevOps and infrastructure engineer with 16+ years across IT operations, Linux, virtualization, and automation in banking, telecom, and technology environments. Operated KVM/OpenNebula infrastructure with 70+ bare-metal servers and 700+ virtual machines. Develops tooling with Go and Python, including open-source Prometheus exporters, and contributed to a production Terraform provider. Currently combines hands-on NetDevOps engineering with technical team leadership; seeking senior individual-contributor roles in infrastructure automation, observability, and Linux platforms.

TECHNICAL SKILLS

Automation & IaC: Ansible, Terraform, custom provider development, Git-based workflows, GitOps

Programming & Delivery: Go, Python, Bash, REST APIs, GitLab CI/CD, Docker

Linux & Virtualization: Linux, Ubuntu, KVM, OpenNebula, VMware vSphere, HA, DRS, SDRS

Observability: Prometheus, Grafana, custom exporters, Nagios, Checkmk, SolarWinds, SNMP, Logstash, Syslog

Network & Security: F5 BIG-IP/TMOS, F5OS, network automation, Mozilla SOPS, HashiCorp Vault, Keycloak, LDAP, FreeIPA

Databases: MariaDB, MariaDB Galera Cluster, MySQL

Previous Exposure: Kubernetes in small-scale and lab environments (not recent); familiarity with Helm

PROFESSIONAL EXPERIENCE

Blu Bank | Tehran, Iran

Aug 2025 – Present

NetDevOps Team Lead | Feb 2026 – Present

Senior NetDevOps Engineer | Aug 2025 – Feb 2026

Initially part-time alongside Snapp; full-time since Nov 2025. Engineering contributions across both roles:

- Develop network and infrastructure automation with Ansible, Terraform, Go, Python, and REST APIs, including Terraform-based IaC and Git-based workflows.
- Developed two open-source Prometheus exporters in Go for F5 BIG-IP/TMOS and F5OS, integrating network and platform metrics into centralized monitoring.
- Contribute to a centralized Network Security automation panel, replacing separate device logins with automated or panel-driven execution for supported operations.
- Develop API-integrated internal tooling; built a Go-based SMS gateway for infrastructure and operational workflows.
- Use Docker and GitLab CI/CD to build, test, package, and deploy internal automation services.
- Explore local/on-premises LLM applications for infrastructure analysis, troubleshooting, and network security operations.
- Since Feb 2026, lead a three-person team while remaining hands-on and coordinating with infrastructure, networking, and security teams.

PROFESSIONAL EXPERIENCE — CONTINUED

Snapp — SysOps / DevOps Engineer

Tehran, Iran | Sep 2021 – Nov 2025

- Operated 70+ bare-metal servers and 700+ virtual machines on KVM and OpenNebula.
- Automated infrastructure provisioning, configuration, and recurring operational tasks using Ansible, Python, Bash, and GitLab CI/CD.
- Contributed as part of a team to a custom Terraform provider, enabling resources on the organization's cloud infrastructure platform to be managed through Infrastructure as Code in production.
- Implemented Terraform-based infrastructure workflows and Git-based configuration practices.
- Developed infrastructure monitoring tools and custom Prometheus exporters using Go, together with monitoring rules for internal infrastructure and operational services.
- Used Mozilla SOPS and GitOps practices for infrastructure secrets management and configuration security.
- Troubleshot production issues across Linux, virtualization, monitoring, and automation platforms in collaboration with infrastructure and development teams.

Blu Bank — SysOps Engineer

Tehran, Iran | Oct 2020 – Sep 2021

- Managed 40+ bare-metal servers and 500+ virtual machines on VMware vSphere.
- Administered Linux systems and resolved infrastructure issues across production environments.
- Developed and maintained Ansible automation for Linux administration and firewall configuration changes.
- Built Bash and Python scripts to address monitoring and operational requirements not covered by existing monitoring tools.
- Automated infrastructure inventory and reporting using Python and email-based integrations.

Mobinnet — Linux System Administrator

Tehran, Iran | Nov 2018 – Jul 2020

- Built and maintained a three-node MariaDB Galera Cluster for high-availability database services.
- Administered Linux systems supporting telecom infrastructure and operational services.
- Developed SNMP-based monitoring automation for telecom radio devices using Bash and Python, integrating data into Nagios through custom socket-based ingestion.
- Created infrastructure health-check scripts and troubleshot Linux, database, monitoring, and service-level issues.

PROFESSIONAL EXPERIENCE — CONTINUED

Asiatech — Linux System Administrator

Tehran, Iran | Feb 2016 – Nov 2018

- Managed 40+ bare-metal servers and 300+ virtual machines on VMware vSphere, including HA, DRS, and SDRS configurations.
- Administered production Linux systems and infrastructure services, including FreeRADIUS, MySQL, and Syslog.
- Automated infrastructure configuration and operational tasks using Ansible.
- Used Logstash to parse and process infrastructure logs and forward data to internal databases.

National Iranian Oil Company — NOC Engineer

IFCP Project | Tehran, Iran | Jun 2010 – Feb 2016

- Monitored systems and services supporting 4,000+ fuel stations using SolarWinds and ManageEngine.
- Developed Bash automation for log cleanup, network health checks, and operational alerting.
- Investigated infrastructure and service incidents, managed escalations, and coordinated troubleshooting across distributed infrastructure and multiple service layers.

SELECTED ENGINEERING PROJECTS

F5 BIG-IP Prometheus Exporter

Go | Prometheus | F5 BIG-IP/TMOS

Developed an open-source exporter to expose F5 BIG-IP infrastructure and network metrics to Prometheus.

github.com/Haameed/f5_bigip_exporter

F5 F5OS Prometheus Exporter

Go | Prometheus | F5OS

Developed an open-source exporter to integrate F5OS platform metrics into Prometheus-based monitoring.

github.com/Haameed/f5_f5os_exporter

EDUCATION

Bachelor of Science in Information Technology

University of Applied Science and Technology, Iran | 2015

LANGUAGES

Persian: Native
English: Professional working proficiency — self-assessed