Hamidreza Josheghani

Software engineering / Cloud / DevOps

📍 Utrecht, Netherlands

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 pyguy

in hrjosheghani

SKILLS

DevOps tools
Expert

Ansible, Terraform, Terragrunt, Jenkins, Prometheus, Grafana, Loki, Helm, Flux CD

Networking
Professional

TCP/IP, VLANs, STP, LACP, EIGRP, OSPF, BGP, Private VLAN, QoS, NAT4/6, Load Balancing, Keepalived

Programming
Advanced

Python, Golang, Bash, OOP

Cloud
Expert

AWS S3, AWS EC2, AWS Lambda, AWS API Gateway, AWS Step functions, AWS EKS, Azure AKS, Azure functions

Virtualization & Containerization
Expert

VMware ESXi, vCenter, vSAN, Proxmox, KVM, Packer, OpenStack, Kubernetes, Rancher

INTERESTS

Raspberry Pi
K3s, Clustering

Home Assistant
Zigbee, Z-Wave, Self-hosted, DIY

Podcasts
JRE, Arrested DevOps, Star Talk

Blockchain & Cryptocurrency
Bitcoin, Consensus algorithms, Etheruem, Smart contracts

LANGUAGES

Persian
Native proficiency

English
Full professional proficiency

CERTIFICATIONS

CKA: Certified Kubernetes Administrator (April 30, 2020)
The Linux Foundation
Credential ID: CKA-2000-008258-0100

AWS Certified SysOps Administrator (November 30, 2019)
Amazon Web Services (AWS)
Credential ID: 75K2H7GCFEBEQV5S

EDUCATION

Qom University (December 31, 2009 - December 31, 2013)
B.S, Computer Science

Cloud Software Engineer with 9+ years experience in AWS/Azure, Software development, technical support, Linux system and network engineering. Effectively planning, installing and optimising cost effective IT solutions that allow for high availability and performance. Interested in Enterprise level and cutting edge technologies.

WORK EXPERIENCE

QuandaGo (December 31, 2020 - Present)
Software Engineer

Design, develop and deploy serverless APIs for **Enovation Group** as an alarm system for their **healthcare as a service** product.
Key Contributions:
- Developing asterisk AMI Client for handling telephony SIP calls
- Automating AWS Infrastructure using terraform and terragrunt
- Developing serverless APIs using Go for alarm and device controls
- Developing Helm charts and deploying them through Flux

🔗 **quandago.com**

Rabobank (May 31, 2020 - December 31, 2020)
DevOps Engineer

Member of the we.trade team to implement blockchain app for Rabobank.

🔗 **rabobank.nl**

KLM (December 31, 2019 - February 29, 2020)
DevOps Engineer

Member of the Devnet team responsible to design, deploy and maintain clusters for in-house attalasion products serving more that thousands company users.
Key Contributions:
- Openstack components deployment
- Developing Ansible playbooks for running docker containers
- Developing tools in Golang

🔗 **klm.nl**

LINKIT (September 30, 2019 - Present)
Cloud Engineer

LINKIT is a knowledge-driven full-service IT provider with over 20 years' experience in creating, building and managing innovative IT solutions for top-500 organizations and governments. I'm a member of the Cloud squad.

🔗 **linkit.nl**

Snapp (April 30, 2018 - September 30, 2019)
DevOps Engineer

Snapp is the leading ride hailing app in Iran, active in more than 100 cities and serving more than 1.6M rides per day. I worked as a DevOps engineer to increase availability of services, achieve higher scalability and resilience in our core, user-facing applications.
Key Contributions:
- FreeIPA as the core IAM project and integrating core tech services to it.
- Moving apps from legacy VMs to Kubernetes over OpenShift (OKD)
- Docker for containerization
- Rundeck for task automation, deployment interface and self-service to escalate tasks to teams.
- Ansible for configuration management and highly contribution to the code and design.
- ElasticSearch, Logstash, Kibana (ELK) for log management
- Minio as in-house object storage solution
- Gitlab & Gitlab CI (on premise) for SCM, CI and local Docker registry
- Netdata, Prometheus and Grafana for monitoring and alerting
- OpenNebula clustered on few dozen servers
- Openstack lab for test and staging

🔗 **snapp.taxi**

Qom University of Medical Sciences (April 30, 2013 - April 30, 2018)
System and Network Administrator
Key Contributions:
- Provided administration and support of technology infrastructure spanning majority of medical centers and hospitals across the city Serviced approximately 700+ users.
- Managed and maintained network security components including dot1x, port-security and AAA
- Installation and configuration of Zabbix monitoring platform with Grafana
Significant Projects / Accomplishments:
- Highly involved in migration of physical servers to VMware Virtualisation.
- Planed, tested and implemented monitored remote desktop access solutions utilising Windows Terminal Service, VNC and OpenVPN Solutions.
- Implemented and led company-wide deployment of cloud storage software (ownCloud)
- Designed and implemented NetAPP Storage Network utilising NetAPP Data OnTAP and zoning QLogic SAN Switches.

🔗 **muq.ac.ir**