

**Hojat Gazestani**  
Senior DevOps Engineer

Personal Info

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[Medium](#)

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Technical Skills

AWS  
Gitlab  
Prometheus  
Redis  
Git

Kubernetes  
Kustomize  
Grafana  
RabbitMQ  
Pfsense

OpenStack  
Flux  
ELK  
HAproxy  
Firepower

Python  
ArgoCD  
Zabbix  
Nginx  
Juniper

Professional Experience

[Cloud Engineer | DevOps | Kubernetes | AWS \(Contract\)](#)

May 2023 – Present

[Nethigtech Company, Portugal Lisbon](#)

- Architected a scalable service on **Amazon Web Services**, utilizing **EC2 Auto Scaling, Elastic Load Balancing, S3, DynamoDB, CloudWatch**.
- Engineered and executed **AWS EKS** Kubernetes cluster provisioning using **Terraform** reducing infrastructure deployment time by 60%.
- Provisioned **Kubernetes** cluster using **Kubespray**, optimizing deployment efficiency by 80% through **Bash scripts** resulting in an 80% reduction in application launch time ([Github](#)).
- Accomplished **HAProxy** training Course ([GitHub](#), [YouTube](#)), boosted content delivery by 50% through documentation and videos ([RestAPI](#), [Django](#) as backend).
- Established **GitLab, Kustomize, Flux**, to establish automated deployment process, reducing application delivery time by 80%.
- Built business logic using **Python Django DRF (Django REST Framework)**
- Used **Celery** as task queue and **RabbitMQ** as message broker to execute asynchronous tasks
- Improved the index page loading time with lazy fetching the content and caching the apis with **Redis**
- Setting up Continuous Integration(CI) and Continuous Delivery (CD) Pipelines using **GitLabCI**
- Provided **Prometheus** visualization capabilities with **Grafana**
- Utilized Docker coupled with **Traefik** as a reverse-proxy and a load-balancer to achieve Continuous Delivery goal on high scalable environment

[OpenStack DevOps Engineer](#)

Sep 2021 – Dec 2022

[ArcFava](#)

- Architected and constructed a flexible Infrastructure using **OpenStack** and **Ceph**, advancing network management by 40%.
- Scaled **Redis** infrastructure from single-node to a high-availability cluster, enhancing system reliability by 70% and enabling full horizontal scalability.
- Engineered a resilient **RabbitMQ** cluster, replacing the single-node setup to improve message throughput, system stability, and scalability by 80%.

[DevOps Engineer](#)

Apr 2020 - May 2021

[Mahan](#)

- Refined **Python unit tests** in the **CI/CD** cycle, optimizing code management and productivity by 100%.
- Automated synchronization between **Netbox** and **VMware vCenter** using **Python**, leading to a 100% growth in monitoring processes.
- Integrated a suite of advanced monitoring utilities including **Zabbix, Grafana, Prometheus, cAdvisor, InfluxDB, and Telegraf**.
- Implemented and maintained Service Level Agreements (**SLAs**) reports for 50 web services in Zabbix.

## Systems Engineer

Jul 2016 – Apr 2020

### Didehbannet

- Conducted **risk management analysis** and presented potential disaster scenarios to the CEO, highlighting the network infrastructure's vulnerabilities. Successfully secured 100% budget of a new server room.
- Launched an image layer in low-cost storage using **Kubernetes** and **Docker**, freeing up massive space in **high-priced storage**.
- Revolutionized the core network and **WAN edge firewall (Juniper, FortiGate)**, increased security and stability by 80%.
- Strengthened network **Layer 2 LAN security** (port security, DHCP snooping, ARP inspection, IP source guard).
- **Automated** network management and configuration using **Python**, improving overall efficiency and reducing manual effort.
- Planned for a **disaster recovery site** with **VMware SRM** and **NSX**.
- Configured **EMC Unity** and **HP SAN storage**, and added them to **VMware vCenter** and **ESXi** to ensure high availability and fault tolerance for over 500 VMs.

## Education

Bachelor's Degree in Information Security

Aug 2016 - Jun 2018

Kerman - Iran

University of Applied Science and Technology (UAST)

Associate Degree in Software Development

Sep 2012 - Nov 2014

Kerman - Iran

Chamran College

## Languages

Persian

English

German

## Online Content

YouTube channel: [hojatgazestani7142](#)

Published training resources for the following topics:

- |                        |                 |            |
|------------------------|-----------------|------------|
| ○ Openstack            | Ceph            | Kubernetes |
| ○ RabbitMQ with Python | VMware VCP, SRM | HAProxy    |
| ○ Layer 2 security     | Puppet          | Vagrant    |
| ○ LPIC3- 303 (PKI)     |                 |            |

## Certificates

[AWS Cloud Solutions Architect Specialization](#)

(Coursera)

[DevOps on AWS Specialization](#)

(Coursera)

[Python for Everybody Specialization](#)

(Coursera)

[Google Cloud Fundamentals: Core Infrastructure](#)

(Coursera)

[Container & Kubernetes Essentials V2](#)

(Coursera)

[Introduction to Containers with Docker, Kubernetes & OpenShift](#)

(Coursera)

[AWS Cloudfront: Serve content from multiple S3 buckets](#)

(Coursera)

[Google Cloud Fundamentals: Core Infrastructure](#)

(Coursera)

Routing & Switching (CCNA, CCNP)

Data Center (CCNA, CCNP)

Mikrotik (MTCNA, MTCRE, MTCWE)

Microsoft (MCSA)

VMware (VCP, NSX, SRM)

PWK

ISMS

EMC